

APPENDIX F

ANALYTICAL DATA

APPENDIX F

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PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite VSIC for 2 Meter Source Thickness	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Crite.	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 18 SB-18-20 0.5-2 ft BGS SB-18-20S1E2 12/01/1996	PAOC 18 SB-18-20 0-0.5 ft BGS SB-18-20S0E1 12/14/1996
	Units	x	a	b	c	d	e	f	g	h	i	j	
VOCs													
1,1,1,2-Tetrachloroethane	mg/kg	-	330	210	120	440	6.4	33	530000	440	ID	440	-
1,1,1-Trichloroethane	mg/kg	-	31000	15000	4500	460	4	460	29000000	460	1.8	460	-
1,1,2,2-Tetrachloroethane	mg/kg	-	34	34	34	240	0.7	23	68000	94	1.6	870	-
1,1,2-Trichloroethane	mg/kg	-	120	57	57	840	0.1	24	250000	420	6.6	920	-
1,1-Dichloroethane	mg/kg	-	14000	6000	2500	890	50	430	15000000	890	15	890	-
1,1-Dichloroethene	mg/kg	-	37	15	3.7	570	0.14	0.33	78000	220	2.6	570	-
1,2,3-Trichloropropane	mg/kg	-	12	11	11	830	2.4	7.5	8800	830		830	-
1,2,4-Trichlorobenzene	mg/kg	-	34000	34000	34000	1100	4.2	1100	11000000	1100	5.9	1100	-
1,2,4-Trimethylbenzene	mg/kg	-	600000	600000	25000	110	2.1	110	36000000	110	0.57	110	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	15	15	15	1.2	0.01	1.2	5900	1.2	ID	1.2	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	9.8	5.8	5.8	0.43	0.02	3.6	18000	0.5	0.11	890	-
1,2-Dichlorobenzene	mg/kg	-	55000	46000	46000	210	14	210	44000000	210	0.28	210	-
1,2-Dichloroethane	mg/kg	-	74	33	21	420	0.1	11	150000	380	7.2	1200	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	120	51	30	550	0.1	7.4	120000	320	4.6	550	-
1,3,5-Trimethylbenzene	mg/kg	-	460000	460000	19000	94	1.8	94	36000000	94	1.1	94	-
1,3-Dichlorobenzene	mg/kg	-	110	94	94	170	0.48	48	8800	51	0.68	170	-
1,3-Dichloropropene	mg/kg	-	470	200	60	240	0.7	5.4	590000	110	0.18	620	-
1,4-Dichlorobenzene	mg/kg	-	340	260	260	1900	1.7	100	570000	140	0.36	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	37	37	37	41	0.1	120	29000	220		7300	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	36000	35000	35000	27000	760	27000	29000000	27000	44	27000	-
2-Hexanone	mg/kg	-	1500	1300	1300	2500	58	1800	1200000	2500	ID	2500	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	70000	53000	53000	2700	100	2700	60000000	2700	ID	2700	-
Acetone	mg/kg	-	200000	160000	160000	73000	42	110000	170000000	110000	34	110000	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	230	99	45	400	0.1	8.4	470000	220	4	400	-
Bromobenzene	mg/kg	-	540	540	540	760	1.5	580	240000	360		760	-
Bromodichloromethane	mg/kg	-	57	31	31	490	1.6	6.4	110000	280	ID	1500	-
Bromoform	mg/kg	-	3100	3100	3100	870	1.6	770	3600000	870	ID	870	-
Bromomethane (Methyl bromide)	mg/kg	-	140	57	13	1000	0.58	1.6	150000	1400	0.7	2200	-
Carbon disulfide	mg/kg	-	19000	8000	1600	280	46	140	21000000	280	ID	280	-
Carbon tetrachloride	mg/kg	-	79	34	12	390	0.1	0.99	170000	92	0.9	390	-
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260	0.5	260	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	280000	120000	36000	950	34	950	290000000	950	22	950	-
Chloroform (Trichloromethane)	mg/kg	-	790	340	150	1500	1.6	38	1600000	1500	7	1500	-
Chloromethane (Methyl chloride)	mg/kg	-	2500	1000	120	1100	22	10	2600000	1100	ID	1100	-
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640	12	640	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	27000	11000	1300	220000	15000	32	29000000	220000		220000	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	98	80	80	500	1.6	21	160000	360	ID	610	-
Dibromomethane	mg/kg	-	ID	ID	ID	2000	4.6	ID	ID	2000		2000	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	1400000	550000	63000	1000	270	1700	1500000000	1000	ID	1000	-
Ethyl ether	mg/kg	-	350000	160000	100000	7400	0.2	7400	350000000	7400	ID	7400	-
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140	0.36	140	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	3000	2000	2000	390	260	390	2600000	390	3.2	390	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	89000	41000	30000	5900	0.8	5900	88000000	5900	140	5900	-
Methylene chloride	mg/kg	-	4000	1700	700	2300	0.1	240	8300000	2300	30	2300	-
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	-
N-Propylbenzene	mg/kg	-	ID	ID	ID	8000	4.6	ID	590000	300	ID	10000	-
o-Xylene	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	-	150	-
p-Xylene	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	-	150	-
Styrene	mg/kg	-	4200	3300	3300	520	2.7	520	6900000	270	2.1	520	-
Tetrachloroethene	mg/kg	-	3300	1400	600	88	0.1	60	6800000	88	1.2	88	-
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250	5.4	250	-
trans-1,2-Dichloroethene	mg/kg	-	2000	840	330	1400	2	43	2100000	1400	30	1400	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile oil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Crite.	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 18 SB-18-20 0.5-2 ft BGS SB-18-20S1E2 12/01/1996	PAOC 18 SB-18-20 0-0.5 ft BGS SB-18-20S0E1 12/14/1996
	Units	x	a	b	c	d	e	f	g	h	i	j		
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440	4	500	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	-	140000000	140000000	110000	560	150	560	1700000000	560		560	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	2100000	890000	210000	550	550	550	2300000000	550	1.7	550	-	-
Vinyl chloride	mg/kg	-	420	170	29	34	0.04	2.8	890000	20	0.26	490	-	-
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	0.82	150	-	-
TCCLP VOCs														
1,1-Dichloroethene	mg/L	-	37	15	3.7	570	0.14	0.33	78000	220	2.6	570	-	-
1,2-Dichloroethane	mg/L	-	74	33	21	420	0.1	11	150000	380	7.2	1200	-	-
1,4-Dichlorobenzene	mg/L	-	340	260	260	1900	1.7	100	570000	140	0.36	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	36000	35000	35000	27000	760	27000	29000000	27000	44	27000	-	-
Benzene	mg/L	-	230	99	45	400	0.1	8.4	470000	220	4	400	-	-
Carbon tetrachloride	mg/L	-	79	34	12	390	0.1	0.99	170000	92	0.9	390	-	-
Chlorobenzene	mg/L	-	2100	1100	920	260	2	220	2100000	260	0.5	260	-	-
Chloroform (Trichloromethane)	mg/L	-	790	340	150	1500	1.6	38	1600000	1500	7	1500	-	-
Tetrachloroethene	mg/L	-	3300	1400	600	88	0.1	60	6800000	88	1.2	88	-	-
Trichloroethene	mg/L	-	1100	440	260	500	0.1	37	2300000	440	4	500	-	-
Vinyl chloride	mg/L	-	420	170	29	34	0.04	2.8	890000	20	0.26	490	-	-
SVOCs														
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	39	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	73000	110	NLV	10000000	9100		-	-	-
2,4,6-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200	0.33	-	-	-
2,4-Dichlorophenol	mg/kg	-	NLV	NLV	NLV	1800	4.2	NLV	2300000	960	0.33	1800	-	-
2,4-Dimethylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2100000	10000	7.6	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	NLV	NLV	NLV	220	0.64	NLV	20000	170		-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	ID	ID	ID	180000	1800	ID	ID	2300		-	-	-
2-Chlorophenol	mg/kg	-	1100	1100	1100	4500	2.6	800	530000	1900	0.36	19000	-	-
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500	4.2	-	54 ⁱ	-
2-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	NLV	NLV	NLV	2000	1.2	NLV	ID	1600	ID	-	-	-
3&4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	NLV	NLV	NLV	30	2	NLV	8200	4.6	2	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	NLV	NLV	NLV	260	0.83	NLV	ID	190		-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	NLV	NLV	NLV	15000	16	NLV	ID	3000	0.28	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970	8.7	-	5.6	-
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440	ID	-	6.3	-
Acetophenone	mg/kg	-	52000	52000	52000	1100	88	1100	14000000	1100	ID	1100	-	-
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41	-	29000000	41	ID	-	3.5 U	-
Atrazine	mg/kg	-	NLV	NLV	NLV	330	0.06	NLV	ID	110	0.15	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	3.5	-
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL	NLL	-	3.5 U	-
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL	NLL	-	3.5 U	-
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL	NLL	-	3.5 U	-
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL	NLL	-	3.5 U	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	13	13	13	58	0.17	44	12000	110	0.1	2200	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	NLV	NLV	NLV	10000	NLL	NLV	890000	NLL	NLL	10000	-	-

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile oil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Crite.	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 18 SB-18-20 0.5-2 ft BGS SB-18-20S1E2 12/01/1996	PAOC 18 SB-18-20 0-0.5 ft BGS SB-18-20S0E1 12/14/1996
	Units	x	a	b	c	d	e	f	g	h	i	j		
Butyl benzylphthalate (BBP)	mg/kg	-	NLV	NLV	NLV	310	310	NLV	21000000	310	120	310	-	-
Caprolactam	mg/kg	-	NLV	NLV	NLV	310000	340	NLV	290000	-		-	-	-
Carbazole	mg/kg	-	NLV	NLV	NLV	2400	39	NLV	78000	820	1.1	-	-	-
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL	NLL	-	3.5 U	-
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL	NLL	-	3.5 U	-
Dibenzofuran	mg/kg	-	160	160	160	ID	ID	3600	2900	ID	1.7	-	-	-
Diethyl phthalate	mg/kg	-	NLV	NLV	NLV	740	320	NLV	1500000	740	2.2	740	-	-
Dimethyl phthalate	mg/kg	-	NLV	NLV	NLV	790	790	NLV	1500000	790		790	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	NLV	NLV	NLV	760	760	NLV	1500000	760	11	760	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	NLV	NLV	NLV	20000	140000	NLV	14000000	140000	ID	140000	-	-
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730	-	4100000	730	5.5	-	3.5 U	-
Fluorene	mg/kg	-	150000	150000	150000	87000	890	-	4100000	890	5.3	-	6 ⁱ	-
Hexachlorobenzene	mg/kg	-	56	56	56	37	1.8	220	8500	8.2	0.35	-	-	-
Hexachlorobutadiene	mg/kg	-	460	460	460	350	72	350	180000	350	0.091	350	-	-
Hexachlorocyclopentadiene	mg/kg	-	60	60	60	720	320	56	5900	720	ID	720	-	-
Hexachloroethane	mg/kg	-	1400	1400	660	730	1.2	79	100000	110	1.8	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	3.5 U	-
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400	26	2400	-	-
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	62 ⁱ	-
Nitrobenzene	mg/kg	-	64	64	64	340	0.33	170	21000	220	3.6	490	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	NLV	NLV	NLV	5.4	0.33	NLV	2000	7.2		1500	-	-
N-Nitrosodiphenylamine	mg/kg	-	NLV	NLV	NLV	7800	22	NLV	2800000	700		-	-	-
Pentachlorophenol	mg/kg	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3	26.5	-	-	-
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100	2.1	-	6.7 ⁱ	-
Phenol	mg/kg	-	NLV	NLV	NLV	12000	260	NLV	18000000	12000	9	12000	-	-
Pyrene	mg/kg	-	780000	780000	780000	84000	480	-	2900000	480	ID	-	4.2	-
Pyridine	mg/kg	-	97	40	9.8	37	0.42	2	100000	37		37	-	-
TCPL SVOCs														
1,4-Dichlorobenzene	mg/L	-	340	260	260	1900	1.7	100	570000	140	0.36	-	-	-
2,4,5-Trichlorophenol	mg/L	-	NLV	NLV	NLV	73000	110	NLV	10000000	9100		-	-	-
2,4,6-Trichlorophenol	mg/L	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200	0.33	-	-	-
2,4-Dinitrotoluene	mg/L	-	NLV	NLV	NLV	220	0.64	NLV	20000	170		-	-	-
2-Methylphenol	mg/L	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
3&4-Methylphenol	mg/L	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
4-Methylphenol	mg/L	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
Hexachlorobenzene	mg/L	-	56	56	56	37	1.8	220	8500	8.2	0.35	-	-	-
Hexachlorobutadiene	mg/L	-	460	460	460	350	72	350	180000	350	0.091	350	-	-
Hexachloroethane	mg/L	-	1400	1400	660	730	1.2	79	100000	110	1.8	-	-	-
Nitrobenzene	mg/L	-	64	64	64	340	0.33	170	21000	220	3.6	490	-	-
Pentachlorophenol	mg/L	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3	26.5	-	-	-
Pyridine	mg/L	-	97	40	9.8	37	0.42	2	100000	37		37	-	-

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile oil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Crite.	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 18 SB-18-20 0.5-2 ft BGS SB-18-20S1E2 12/01/1996	PAOC 18 SB-18-20 0-0.5 ft BGS SB-18-20S0E1 12/14/1996
	Units	x	a	b	c	d	e	f	g	h	i	j		
<i>Inorganics</i>														
Aluminum	mg/kg	6900	NLV	NLV	NLV	370000	1	NLV	ID	-	-	-	-	-
Antimony	mg/kg	-	NLV	NLV	NLV	670	4.3	NLV	5900	49000	94	-	-	-
Arsenic	mg/kg	5.8	NLV	NLV	NLV	37	4.6	NLV	910	2000	4.6	-	-	-
Barium	mg/kg	75	NLV	NLV	NLV	130000	1300	NLV	150000	-	1250	-	-	-
Beryllium	mg/kg	-	NLV	NLV	NLV	1600	51	NLV	590	-	948	-	-	-
Cadmium	mg/kg	1.2	NLV	NLV	NLV	2100	6	NLV	2200	230000	7.32	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	NA	NLV	NLV	NLV	9200	30	NLV	240	140000	3.3	-	-	-
Cobalt	mg/kg	6.8	NLV	NLV	NLV	9000	2	NLV	5900	48000	2	-	-	-
Copper	mg/kg	32	NLV	NLV	NLV	73000	5800	NLV	59000	-	167	-	-	-
Iron	mg/kg	12000	NLV	NLV	NLV	580000	6	NLV	ID	-	-	-	-	-
Lead	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	220
Lead - coarse fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Lead - fine fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Magnesium	mg/kg	-	NLV	NLV	NLV	-	22000	NLV	2900000	-	-	-	-	-
Manganese	mg/kg	440	NLV	NLV	NLV	90000	1	NLV	1500	180000	128	-	-	-
Mercury	mg/kg	0.13	62	62	62	580	1.7	89	8800	47	0.05	-	-	-
Nickel	mg/kg	20	NLV	NLV	NLV	150000	100	NLV	16000	-	166	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.41	NLV	NLV	NLV	9600	4	NLV	59000	78000	0.4	-	-	-
Silver	mg/kg	1	NLV	NLV	NLV	9000	13	NLV	2900	200000	0.1	-	-	-
Sodium	mg/kg	-	NLV	NLV	NLV	-	7000	NLV	ID	-	-	-	-	-
Thallium	mg/kg	-	NLV	NLV	NLV	130	2.3	NLV	5900	15000	4.2	-	-	-
Vanadium	mg/kg	-	NLV	NLV	NLV	5500	990	NLV	ID	-	190	-	-	-
Zinc	mg/kg	-	NLV	NLV	NLV	630000	5000	NLV	ID	-	377	-	-	-
Cyanide (total)	mg/kg	-	NLV	NLV	NLV	250	4	NLV	250	250	0.1	-	-	-
<i>TCLP Metals</i>														
Arsenic	mg/L					37	4.6		910	2000	4.6	-	-	-
Barium	mg/L					130000	1300		150000	1000000	1250	-	-	-
Cadmium	mg/L					2100	6		2200	230000	7.32	-	-	-
Chromium	mg/L					9200	30		240	140000	3.3	-	-	-
Copper	mg/L					73000	5800		59000	1000000	167	-	-	-
Lead	mg/L					900	700		44000		7740	-	-	-
Mercury	mg/L		62	62	62	580	1.7	89	8800	47	0.05	-	-	-
Selenium	mg/L					9600	4		59000	78000	0.4	-	-	-
Silver	mg/L					9000	13		2900	200000	0.1	-	-	-
Zinc	mg/L					630000	5000			1000000	377	-	-	-
<i>PCBs</i>														
Aroclor-1016 (PCB-1016)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Total PCBs	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
<i>Petroleum Hydrocarbons</i>														
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile oil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Crite.	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 18 SB-18-20 0.5-2 ft BGS SB-18-20S1E2 12/01/1996	PAOC 18 SB-18-20 0-0.5 ft BGS SB-18-20S0E1 12/14/1996
	Units	x	a	b	c	d	e	f	g	h	i	j		
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Geotech</i>														
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Misc</i>														
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

ID - Insufficient data to develop criterion

J - The associated value is qualified as an estimated quantity.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - The data is qualified as unusable. (Note: Analyte may or may not be present).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB-18-20 0.5-2 ft BGS SB-18-20S1E2 12/14/1996	PAOC 18 SB-18-20 2-4 ft BGS SB-18-20S2E4 12/14/1996	PAOC 18 SB-18-21 0-0.5 ft BGS SB-18-21S0E1 12/11/1996	PAOC 18 SB-18-21 0.5-2 ft BGS SB-18-21S1E2 12/11/1996	PAOC 18 SB-18-21 2-4 ft BGS SB-18-21S2E4 12/11/1996	PAOC 18 SB-18-21 4-6 ft BGS SB-18-21S4E6 12/11/1996	PAOC 18 SB-18-21 6-8 ft BGS SB-18-21S6E8 12/11/1996	PAOC 18 SB-18-21 8-10 ft BGS SB-18-21S8E10 12/11/1996	PAOC 18 SB-18-21A 0-0.5 ft BGS SB-18-21AS0E1 12/01/1996	PAOC 18 SB-18-21A 4-6 ft BGS SB-18-21AS4E6 12/01/1996	PAOC 18 SB-18-21A 6-8 ft BGS SB-18-21AS6E8 12/01/1996	PAOC 18 SB-18-21A 0-0.5 ft BGS SB-18-21AS0E1 12/13/1996	PAOC 18 SB-18-21A 0.5-2 ft BGS SB-18-21AS1E2 12/13/1996	PAOC 18 SB-18-21A 2-4 ft BGS SB-18-21AS2E4 12/13/1996	PAOC 18 SB-18-21A 4-6 ft BGS SB-18-21AS4E6 12/13/1996	PAOC 18 SB-18-21A 6-8 ft BGS SB-18-21AS6E8 12/13/1996	PAOC 18 SB-18-21A 8-10 ft BGS SB-18-21AS8E10 12/13/1996	PAOC 18 SB-18-22 2-4 ft BGS SB-18-22S2E4 12/01/1996	PAOC 18 SB-18-22 0-0.5 ft BGS SB-18-22S0E1 12/17/1996	PAOC 18 SB-18-22 0.5-2 ft BGS SB-18-22S1E2 12/17/1996	PAOC 18 SB-18-22 2-4 ft BGS SB-18-22S2E4 12/17/1996	PAOC 18 SB-18-22 4-6 ft BGS SB-18-22S4E6 12/17/1996
VOCs																							
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-20	SB-18-20	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-22	SB-18-22
Sample Depth:		0.5-2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	4-6 ft BGS
Sample ID:		SB-18-20S1E2	SB-18-20S2E4	SB-18-21S0E1	SB-18-21S1E2	SB-18-21S2E4	SB-18-21S4E6	SB-18-21S6E8	SB-18-21S8E10	SB-18-21AS0E1	SB-18-21AS4E6	SB-18-21AS6E8	SB-18-21AS0E1	SB-18-21AS1E2	SB-18-21AS2E4	SB-18-21AS4E6	SB-18-21AS6E8	SB-18-21AS8E10	SB-18-22S2E4	SB-18-22S0E1	SB-18-22S1E2
Sample Date:		12/14/1996	12/14/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/01/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/17/1996
Sample Type:																					
Parameter:		Units																			
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																					
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																					
1-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	0.33 U	3.7	0.33 U	-	-	-	-	-	-	-	0.46	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	-	-	-	0.33 U	5.3 ¹	0.33 U	-	-	-	-	-	-	-	0.43	-
2-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene		mg/kg	-	-	-	-	-	-	-	0.33 U	0.71	0.33 U	-	-	-	-	-	-	-	0.38 U	-
Acenaphthylene		mg/kg	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.38 U	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene		mg/kg	-	-	-	-	-	-	-	0.33 U	1.7 U	0.33 U	-	-	-	-	-	-	-	0.38 U	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene		mg/kg	-	-	-	-	-	-	-	0.97	1.7 U	0.33 U	-	-	-	-	-	-	-	0.63	-
Benzo(a)pyrene		mg/kg	-	-	-	-	-	-	-	0.89	1.7 U	0.33 U	-	-	-	-	-	-	-	0.38 U	-
Benzo(b)fluoranthene		mg/kg	-	-	-	-	-	-	-	1.6	1.7 U	0.33 U	-	-	-	-	-	-	-	0.59	-
Benzo(g,h,i)perylene		mg/kg	-	-	-	-	-	-	-	0.78	1.7 U	0.33 U	-	-	-	-	-	-	-	0.38 U	-
Benzo(k)fluoranthene		mg/kg	-	-	-	-	-	-	-	0.33 U	1.7 U	0.33 U	-	-	-	-	-	-	-	0.59	-
Biphenyl (1,1-Biphenyl)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		SB-18-20	SB-18-20	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-22	SB-18-22	SB-18-22	SB-18-22
		0.5-2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS
		SB-18-20S1E2	SB-18-20S2E4	SB-18-21S0E1	SB-18-21S1E2	SB-18-21S2E4	SB-18-21S4E6	SB-18-21S6E8	SB-18-21S8E10	SB-18-21AS0E1	SB-18-21AS4E6	SB-18-21AS6E8	SB-18-21AS0E1	SB-18-21AS1E2	SB-18-21AS2E4	SB-18-21AS4E6	SB-18-21AS6E8	SB-18-21AS8E10	SB-18-22S2E4	SB-18-22S0E1	SB-18-22S1E2	SB-18-22S4E6
		12/14/1996	12/14/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/01/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/17/1996	12/17/1996	12/17/1996
Sample Type:	Units																					
Parameter:																						
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	1.2	1.7 U	0.33 U	-	-	-	-	-	-	0.63	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	0.33 U	1.7 U	0.33 U	-	-	-	-	-	-	0.38 U	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	2.3	1.7 U	0.33 U	-	-	-	-	-	-	0.67	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	0.33 U	1.6	0.33 U	-	-	-	-	-	-	0.38 U	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	0.99	1.7 U	0.33 U	-	-	-	-	-	-	0.43	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	0.33 U	0.96 ⁱ	0.33 U	-	-	-	-	-	-	0.38 U	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	1.1	1.7 U	0.33 U	-	-	-	-	-	-	0.44	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pyrene	mg/kg	-	-	-	-	-	-	-	-	1.8	1.8	0.33 U	-	-	-	-	-	-	0.54	-	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TCLP SVOCs																						
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-20	SB-18-20	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-21A	SB-18-22	SB-18-22	SB-18-22
Sample Depth:		0.5-2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS
Sample ID:		SB-18-20S1E2	SB-18-20S2E4	SB-18-21S0E1	SB-18-21S1E2	SB-18-21S2E4	SB-18-21S4E6	SB-18-21S6E8	SB-18-21S8E10	SB-18-21AS0E1	SB-18-21AS4E6	SB-18-21AS6E8	SB-18-21AS0E1	SB-18-21AS1E2	SB-18-21AS2E4	SB-18-21AS4E6	SB-18-21AS6E8	SB-18-21AS8E10	SB-18-22S2E4	SB-18-22S0E1	SB-18-22S1E2
Sample Date:		12/14/1996	12/14/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/01/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/17/1996	12/17/1996
Sample Type:																					
Parameter:																					
		Units																			
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																					
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																					
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-25	SB-18-25	SB-18-25	SB-18-25	SB-18-25
Sample Depth:	0.5-2 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	0.67-2.2 ft BGS	0.17-0.67 ft BGS	10-2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Sample ID:	SB-18-23S1E2	SB-18-23S4E6	SB-18-23S6E8	SB-18-23S0E1	SB-18-23S10E12	SB-18-23S1E2	SB-18-23S2E4	SB-18-23S4E6	SB-18-23S6E8	SB-18-24S1E2	SB-18-24S0E1	SB-18-24S10E12	SB-18-24S1E2	SB-18-24S2E4	SB-18-24S4E6	SB-18-24S6E8	SB-18-24S8E10	SB-18-25S2E4	SB-18-25S0E1	SB-18-25S1E2	SB-18-25S2E4	SB-18-25S4E6	SB-18-25S6E8
Sample Date:	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996
Sample Type:																							
Parameter:	Units																						
VOCs																							
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-25	SB-18-25	SB-18-25	SB-18-25	SB-18-25
Sample Depth:		0.5-2 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	0.67-2.2 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Sample ID:		SB-18-23S1E2	SB-18-23S4E6	SB-18-23S6E8	SB-18-23S0E1	SB-18-23S10E12	SB-18-23S1E2	SB-18-23S2E4	SB-18-23S4E6	SB-18-23S6E8	SB-18-24S1E2	SB-18-24S0E1	SB-18-24S10E12	SB-18-24S1E2	SB-18-24S2E4	SB-18-24S4E6	SB-18-24S6E8	SB-18-24S8E10	SB-18-25S2E4	SB-18-25S0E1	SB-18-25S1E2	SB-18-25S2E4	SB-18-25S4E6
Sample Date:		12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996
Sample Type:																							
Parameter:		Units																					
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCCLP VOCs																							
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																							
1-Methylnaphthalene		mg/kg	0.33 U	0.87	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	0.33 U	1.4	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
2-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene		mg/kg	0.33 U	4.7	0.33 U	-	-	-	-	-	0.93	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Acenaphthylene		mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene		mg/kg	0.33 U	6.8	0.33 U	-	-	-	-	-	3	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene		mg/kg	0.54	8	0.33 U	-	-	-	-	-	7.8	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Benzo(a)pyrene		mg/kg	0.33 U	3.3 U	0.33 U	-	-	-	-	-	6.6	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Benzo(b)fluoranthene		mg/kg	0.33 U	8.3	0.42	-	-	-	-	-	6.4	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Benzo(g,h,i)perylene		mg/kg	0.33 U	3.3 U	0.35	-	-	-	-	-	3.8	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Benzo(k)fluoranthene		mg/kg	0.33 U	3.3 U	0.33 U	-	-	-	-	-	7.4	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Biphenyl (1,1-Biphenyl)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-25	SB-18-25	SB-18-25	SB-18-25	SB-18-25	SB-18-25
Sample Depth:	0.5-2 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	0.67-2.2 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS
Sample ID:	SB-18-23S1E2	SB-18-23S4E6	SB-18-23S6E8	SB-18-23S0E1	SB-18-23S10E12	SB-18-23S1E2	SB-18-23S2E4	SB-18-23S4E6	SB-18-23S6E8	SB-18-24S1E2	SB-18-24S0E1	SB-18-24S10E12	SB-18-24S1E2	SB-18-24S2E4	SB-18-24S4E6	SB-18-24S6E8	SB-18-24S8E10	SB-18-25S2E4	SB-18-25S0E1	SB-18-25S1E2	SB-18-25S2E4	SB-18-25S4E6	SB-18-25S6E8
Sample Date:	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996
Sample Type:																							
Parameter:	Units																						
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.48	6.3	0.33 U	-	-	-	-	-	9.1	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.33 U	3.3 U	0.33 U	-	-	-	-	-	0.75	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.33 U	22 ⁱ	0.9	-	-	-	-	-	15 ⁱ	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Fluorene	mg/kg	0.33 U	4.4	0.33 U	-	-	-	-	-	1.1	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.33 U	3.3 U	0.4	-	-	-	-	-	4.9	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	0.33 U	4.9 ⁱ	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	0.33 U	24 ⁱ	0.41	-	-	-	-	-	9.1 ⁱ	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.33 U	18	0.58	-	-	-	-	-	14	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP SVOCs

1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

		PAOC 18 SB-18-23 Sample Depth: Sample ID: Sample Date: Sample Type:	PAOC 18 SB-18-23 4-6 ft BGS SB-18-23S4E6 12/01/1996	PAOC 18 SB-18-23 6-8 ft BGS SB-18-23S6E8 12/01/1996	PAOC 18 SB-18-23 0-0.5 ft BGS SB-18-23S0E1 12/11/1996	PAOC 18 SB-18-23 10-12 ft BGS SB-18-23S10E12 12/11/1996	PAOC 18 SB-18-23 0.5-2 ft BGS SB-18-23S1E2 12/11/1996	PAOC 18 SB-18-23 2-4 ft BGS SB-18-23S2E4 12/11/1996	PAOC 18 SB-18-23 4-6 ft BGS SB-18-23S4E6 12/11/1996	PAOC 18 SB-18-23 6-8 ft BGS SB-18-23S6E8 12/11/1996	PAOC 18 SB-18-24 0.67-2.2 ft BGS SB-18-24S1E2 12/01/1996	PAOC 18 SB-18-24 0.17-0.67 ft BGS SB-18-24S0E1 12/18/1996	PAOC 18 SB-18-24 10.2-11.5 ft BGS SB-18-24S10E12 12/18/1996	PAOC 18 SB-18-24 0.67-2.2 ft BGS SB-18-24S1E2 12/18/1996	PAOC 18 SB-18-24 2.2-4.2 ft BGS SB-18-24S2E4 12/18/1996	PAOC 18 SB-18-24 4.2-6.2 ft BGS SB-18-24S4E6 12/18/1996	PAOC 18 SB-18-24 6.2-8.2 ft BGS SB-18-24S6E8 12/18/1996	PAOC 18 SB-18-24 8.2-10.2 ft BGS SB-18-24S8E10 12/18/1996	PAOC 18 SB-18-25 2-4 ft BGS SB-18-25S2E4 12/01/1996	PAOC 18 SB-18-25 0-0.5 ft BGS SB-18-25S0E1 12/18/1996	PAOC 18 SB-18-25 0.5-2 ft BGS SB-18-25S1E2 12/18/1996	PAOC 18 SB-18-25 2-4 ft BGS SB-18-25S2E4 12/18/1996	PAOC 18 SB-18-25 4-6 ft BGS SB-18-25S4E6 12/18/1996	PAOC 18 SB-18-25 6-8 ft BGS SB-18-25S6E8 12/18/1996	
Parameter:	Units																								
Inorganics																									
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	530	120	610	320	360	490	-	33	7	190	710 ^e	6	6	10	-	26000 ^{del}	1600 ^{de}	27	17		5
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCPL Metals																									
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																									
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons																									
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-23	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-24	SB-18-25	SB-18-25	SB-18-25	SB-18-25	SB-18-25	SB-18-25
Sample Depth:	0.5-2 ft BGS	4-6 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	0.67-2.2 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	6-8 ft BGS
Sample ID:	SB-18-23S1E2	SB-18-23S4E6	SB-18-23S6E8	SB-18-23S0E1	SB-18-23S10E12	SB-18-23S1E2	SB-18-23S2E4	SB-18-23S4E6	SB-18-23S6E8	SB-18-24S1E2	SB-18-24S0E1	SB-18-24S10E12	SB-18-24S1E2	SB-18-24S2E4	SB-18-24S4E6	SB-18-24S6E8	SB-18-24S8E10	SB-18-25S2E4	SB-18-25S0E1	SB-18-25S1E2	SB-18-25S2E4	SB-18-25S4E6	SB-18-25S6E8	SB-18-25S6E8
Sample Date:	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996
Sample Type:																								
Parameter:																								
Units																								
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																								
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																								
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-25	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28
Sample Depth:	8-10.5 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-12 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Sample ID:	SB-18-25S8E11	SB-18-26S2E4	SB-18-26S0E1	SB-18-26S10E12	SB-18-26S1E2	SB-18-26S2E4	SB-18-26S4E6	SB-18-26S6E8	SB-18-26S8E10	SB-18-27S2E4	SB-18-27S0E1	SB-18-27S1E2	SB-18-27S2E4	SB-18-27S4E6	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S6E8	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S12F13	SB-18-28S1E2	SB-18-28S2E4	SB-18-28S4E6
Sample Date:	12/18/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/17/1996	12/17/1996	12/17/1996	12/17/1996	12/01/1996	12/01/1996	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996
Sample Type:																							
Parameter:	Units																						
VOCs																							
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-25	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28
Sample Depth:		8-10.5 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-12 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:		SB-18-25S8E11	SB-18-26S2E4	SB-18-26S0E1	SB-18-26S10E12	SB-18-26S1E2	SB-18-26S2E4	SB-18-26S4E6	SB-18-26S6E8	SB-18-26S8E10	SB-18-27S2E4	SB-18-27S0E1	SB-18-27S1E2	SB-18-27S2E4	SB-18-27S4E6	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S6E8	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S12E13	SB-18-28S1E2	SB-18-28S2E4
Sample Date:		12/18/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/17/1996	12/17/1996	12/17/1996	12/17/1996	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996
Sample Type:																							
Parameter:	Units																						
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																							
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																							
1-Methylnaphthalene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	37	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	29 ¹	-	-	-	-	0.33 U	2.4	0.33 U	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Acenaphthylene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	9.8	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	0.69	6.7 U	0.33 U	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	0.95	6.7 U	0.33 U	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	1.8	6.7 U	0.33 U	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	1.1	6.7 U	0.33 U	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	0.33 U	-	-	-	-	-	-	-	7.8 U	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-25	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28
Sample Depth:		8-10.5 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-12 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:		SB-18-25S8E11	SB-18-26S2E4	SB-18-26S0E1	SB-18-26S10E12	SB-18-26S1E2	SB-18-26S2E4	SB-18-26S4E6	SB-18-26S6E8	SB-18-26S8E10	SB-18-27S2E4	SB-18-27S0E1	SB-18-27S1E2	SB-18-27S2E4	SB-18-27S4E6	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S6E8	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S12E13	SB-18-28S1E2	SB-18-28S2E4
Sample Date:		12/18/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/17/1996	12/17/1996	12/17/1996	12/17/1996	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996
Sample Type:																							
Parameter:		Units																					
Butyl benzylphthalate (BBP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene		mg/kg	-	0.33 U	-	-	-	-	-	-	7.8 U	-	-	-	-	0.94	6.7 U	0.33 U	-	-	-	-	-
Dibenz(a,h)anthracene		mg/kg	-	0.33 U	-	-	-	-	-	-	7.8 U	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Dibenzofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene		mg/kg	-	0.33 U	-	-	-	-	-	-	7.8 U	-	-	-	-	1.9	6.7 U	0.33 U	-	-	-	-	-
Fluorene		mg/kg	-	0.33 U	-	-	-	-	-	-	14 ⁱ	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Hexachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene		mg/kg	-	0.33 U	-	-	-	-	-	-	7.8 U	-	-	-	-	1.1	6.7 U	0.33 U	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene		mg/kg	-	0.33 U	-	-	-	-	-	-	10 ⁱ	-	-	-	-	0.33 U	6.7 U	0.33 U	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene		mg/kg	-	0.33 U	-	-	-	-	-	-	13 ⁱ	-	-	-	-	0.97	6.7 U	0.33 U	-	-	-	-	-
Phenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene		mg/kg	-	0.33 U	-	-	-	-	-	-	7.8 U	-	-	-	-	1.6	6.7 U	0.33 U	-	-	-	-	-
Pyridine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP SVOCs

1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

[illegible]

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-25	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-26	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-27	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28	SB-18-28
Sample Depth:	8-10.5 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-12 ft BGS	6-8 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Sample ID:	SB-18-25S8E11	SB-18-26S2E4	SB-18-26S0E1	SB-18-26S10E12	SB-18-26S1E2	SB-18-26S2E4	SB-18-26S4E6	SB-18-26S6E8	SB-18-26S8E10	SB-18-27S2E4	SB-18-27S0E1	SB-18-27S1E2	SB-18-27S2E4	SB-18-27S4E6	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S6E8	SB-18-28S0E1	SB-18-28S10E12	SB-18-28S12F13	SB-18-28S1E2	SB-18-28S2E4	SB-18-28S4E6
Sample Date:	12/18/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/17/1996	12/17/1996	12/17/1996	12/17/1996	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996
Sample Type:																							
Parameter:	Units																						
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																							
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																							
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-28	SB-18-28	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-33
Sample Depth:		6-8 ft BGS	8-10 ft BGS	8.2-11 ft BGS	0.17-0.67 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-11 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	0.5-2 ft BGS	4-6 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-11.5 ft BGS
Sample ID:		SB-18-28S6E8	SB-18-28S8E10	SB-18-29S8E11	SB-18-29S0E1	SB-18-29S1E2	SB-18-29S2E4	SB-18-29S4E6	SB-18-29S6E8	SB-18-29S8E11	SB-18-31S2E4	SB-18-31S0E1	SB-18-31S10E12	SB-18-31S1E2	SB-18-31S2E4	SB-18-31S4E6	SB-18-31S6E8	SB-18-31S8E10	SB-18-33S1E2	SB-18-33S4E6	SB-18-33S8E10	SB-18-33S0E1	SB-18-33S10E12
Sample Date:		12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/01/1996	12/01/1996	12/10/1996	12/10/1996
Sample Type:																							
Parameter:	Units																						
VOCs																							
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18 SB-18-28 6-8 ft BGS Sample ID: Sample Date: Sample Type: Parameter:	PAOC 18 SB-18-28 8-10 ft BGS	PAOC 18 SB-18-29 8.2-11 ft BGS	PAOC 18 SB-18-29 0.17-0.67 ft BGS	PAOC 18 SB-18-29 0.67-2.2 ft BGS	PAOC 18 SB-18-29 2.2-4.2 ft BGS	PAOC 18 SB-18-29 4.2-6.2 ft BGS	PAOC 18 SB-18-29 6.2-8.2 ft BGS	PAOC 18 SB-18-29 8.2-11 ft BGS	PAOC 18 SB-18-31 2.2-4.2 ft BGS	PAOC 18 SB-18-31 0.17-0.67 ft BGS	PAOC 18 SB-18-31 10.2-12 ft BGS	PAOC 18 SB-18-31 0.67-2.2 ft BGS	PAOC 18 SB-18-31 2.2-4.2 ft BGS	PAOC 18 SB-18-31 4.2-6.2 ft BGS	PAOC 18 SB-18-31 6.2-8.2 ft BGS	PAOC 18 SB-18-31 8.2-10.2 ft BGS	PAOC 18 SB-18-33 0.5-2 ft BGS	PAOC 18 SB-18-33 4-6 ft BGS	PAOC 18 SB-18-33 8-10 ft BGS	PAOC 18 SB-18-33 0-0.5 ft BGS	PAOC 18 SB-18-33 10-11.5 ft BGS	PAOC 18 SB-18-33 0.5-2 ft BGS
		SB-18-28S6E8 12/11/1996	SB-18-28S8E10 12/11/1996	SB-18-29S8E11 12/01/1996	SB-18-29S0E1 12/18/1996	SB-18-29S1E2 12/18/1996	SB-18-29S2E4 12/18/1996	SB-18-29S4E6 12/18/1996	SB-18-29S6E8 12/18/1996	SB-18-29S8E11 12/18/1996	SB-18-31S2E4 12/01/1996	SB-18-31S0E1 12/14/1996	SB-18-31S10E12 12/14/1996	SB-18-31S1E2 12/14/1996	SB-18-31S2E4 12/14/1996	SB-18-31S4E6 12/14/1996	SB-18-31S6E8 12/14/1996	SB-18-31S8E10 12/14/1996	SB-18-33S1E2 12/01/1996	SB-18-33S4E6 12/01/1996	SB-18-33S8E10 12/01/1996	SB-18-33S0E1 12/10/1996	SB-18-33S10E12 12/10/1996	SB-18-33S1E2 12/10/1996
		Units																						
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																								
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																								
1-Methylnaphthalene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	1.9	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
2-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene		mg/kg	-	-	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Acenaphthylene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene		mg/kg	-	-	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.8	0.33 U	0.33 U	-	-	-
Benzo(a)pyrene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Benzo(b)fluoranthene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Benzo(g,h,i)perylene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Benzo(k)fluoranthene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-	-
Biphenyl (1,1-Biphenyl)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-28	SB-18-28	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-33
Sample Depth:		6-8 ft BGS	8-10 ft BGS	8.2-11 ft BGS	0.17-0.67 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-11 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	0.5-2 ft BGS	4-6 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-11.5 ft BGS
Sample ID:		SB-18-28S6E8	SB-18-28S8E10	SB-18-29S8E11	SB-18-29S0E1	SB-18-29S1E2	SB-18-29S2E4	SB-18-29S4E6	SB-18-29S6E8	SB-18-29S8E11	SB-18-31S2E4	SB-18-31S0E1	SB-18-31S10E12	SB-18-31S1E2	SB-18-31S2E4	SB-18-31S4E6	SB-18-31S6E8	SB-18-31S8E10	SB-18-33S1E2	SB-18-33S4E6	SB-18-33S8E10	SB-18-33S0E1	SB-18-33S10E12
Sample Date:		12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/01/1996	12/01/1996	12/10/1996	12/10/1996
Sample Type:																							
Parameter:		Units																					
Butyl benzylphthalate (BBP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene		mg/kg	-	-	3.9	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	1.3	0.33 U	0.33 U	-	-
Dibenz(a,h)anthracene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-
Dibenzofuran		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	1.8	0.33 U	0.33 U	-	-
Fluorene		mg/kg	-	-	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-
Hexachlorobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	0.33 U	0.33 U	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene		mg/kg	-	-	0.33 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.66	0.33 U	0.33 U	-	-
Phenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene		mg/kg	-	-	3.3 U	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	1.6	0.33 U	0.33 U	-	-
Pyridine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP SVOCs																							
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

		PAOC 18 SB-18-28	PAOC 18 SB-18-28	PAOC 18 SB-18-29	PAOC 18 SB-18-29	PAOC 18 SB-18-29	PAOC 18 SB-18-29	PAOC 18 SB-18-29	PAOC 18 SB-18-29	PAOC 18 SB-18-29	PAOC 18 SB-18-31	PAOC 18 SB-18-31	PAOC 18 SB-18-31	PAOC 18 SB-18-31	PAOC 18 SB-18-31	PAOC 18 SB-18-31	PAOC 18 SB-18-31	PAOC 18 SB-18-33	PAOC 18 SB-18-33	PAOC 18 SB-18-33	PAOC 18 SB-18-33	PAOC 18 SB-18-33	PAOC 18 SB-18-33	PAOC 18 SB-18-33
Sample Location:		6-8 ft BGS	8-10 ft BGS	8.2-11 ft BGS	0.17-0.67 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-11 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	0.5-2 ft BGS	4-6 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-11.5 ft BGS	0.5-2 ft BGS
Sample ID:		SB-18-28S6E8	SB-18-28S8E10	SB-18-29S8E11	SB-18-29S0E1	SB-18-29S1E2	SB-18-29S2E4	SB-18-29S4E6	SB-18-29S6E8	SB-18-29S8E11	SB-18-31S2E4	SB-18-31S0E1	SB-18-31S10E12	SB-18-31S1E2	SB-18-31S2E4	SB-18-31S4E6	SB-18-31S6E8	SB-18-31S8E10	SB-18-33S1E2	SB-18-33S4E6	SB-18-33S8E10	SB-18-33S0E1	SB-18-33S10E12	SB-18-33S1E2
Sample Date:		12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/01/1996	12/01/1996	12/10/1996	12/10/1996	12/10/1996
Sample Type:																								
Parameter:	Units																							
Inorganics																								
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	6	5	-	8	200	13	8	24	62	-	4	5	15	4	2	5	4	-	-	-	330	3	9100 ^{det}
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals																								
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																								
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons																								
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-28	SB-18-28	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-29	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-31	SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-33
Sample Depth:	6-8 ft BGS	8-10 ft BGS	8.2-11 ft BGS	0.17-0.67 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-11 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	0.5-2 ft BGS	4-6 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-11.5 ft BGS	0.5-2 ft BGS
Sample ID:	SB-18-28S6E8	SB-18-28S8E10	SB-18-29S8E11	SB-18-29S0E1	SB-18-29S1E2	SB-18-29S2E4	SB-18-29S4E6	SB-18-29S6E8	SB-18-29S8E11	SB-18-31S2E4	SB-18-31S0E1	SB-18-31S10E12	SB-18-31S1E2	SB-18-31S2E4	SB-18-31S4E6	SB-18-31S6E8	SB-18-31S8E10	SB-18-33S1E2	SB-18-33S4E6	SB-18-33S8E10	SB-18-33S0E1	SB-18-33S10E12	SB-18-33S1E2
Sample Date:	12/11/1996	12/11/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/01/1996	12/01/1996	12/10/1996	12/10/1996	12/10/1996
Sample Type:																							
Parameter:	Units																						
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																							
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																							
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

ID - Insufficient data to develop criterion

J - The associated value is qualified as an estimated quantity.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - The data is qualified as unusable. (Note: Analyte may or may not be present).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18 SB-18-33 2-4 ft BGS SB-18-33S2E4 12/10/1996	PAOC 18 SB-18-33 4-6 ft BGS SB-18-33S4E6 12/10/1996	PAOC 18 SB-18-33 6-8 ft BGS SB-18-33S6E8 12/10/1996	PAOC 18 SB-18-33 8-10 ft BGS SB-18-33S8E10 12/10/1996	PAOC 18 SB-18-35 2.2-4.2 ft BGS SB-18-35S2E4 12/01/1996	PAOC 18 SB-18-35 8.2-10.2 ft BGS SB-18-35S8E10 12/01/1996	PAOC 18 SB-18-35 0.17-0.67 ft BGS SB-18-35S0E1 12/13/1996	PAOC 18 SB-18-35 10.2-12 ft BGS SB-18-35S10E12 12/13/1996	PAOC 18 SB-18-35 0.67-2.2 ft BGS SB-18-35S1E2 12/13/1996	PAOC 18 SB-18-35 2.2-4.2 ft BGS SB-18-35S2E4 12/13/1996	PAOC 18 SB-18-35 4.2-6.2 ft BGS SB-18-35S4E6 12/13/1996	PAOC 18 SB-18-35 6.2-8.2 ft BGS SB-18-35S6E8 12/13/1996	PAOC 18 SB-18-35 8.2-10.2 ft BGS SB-18-35S8E10 12/13/1996	PAOC 18 SB-18-36 2-4 ft BGS SB-18-36S2E4 12/01/1996	PAOC 18 SB-18-36 0-0.5 ft BGS SB-18-36S0E1 12/13/1996	PAOC 18 SB-18-36 0.5-2 ft BGS SB-18-36S1E2 12/13/1996	PAOC 18 SB-18-36 2-4 ft BGS SB-18-36S2E4 12/13/1996	PAOC 18 SB-18-36 4-5 ft BGS SB-18-36S4E5 12/13/1996	PAOC 18 SB-18-37 0-0.5 ft BGS SB-18-37S0E1 12/01/1996	PAOC 18 SB-18-37 10-12 ft BGS SB-18-37S10E12 12/01/1996	PAOC 18 SB-18-37 2-4 ft BGS SB-18-37S2E4 12/01/1996	PAOC 18 SB-18-37 0-0.5 ft BGS SB-18-37S0E1 12/09/1996	PAOC 18 SB-18-37 10-12 ft BGS SB-18-37S10E12 12/09/1996	
Parameter:	Units																								
VOCs																									
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	0.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-36	SB-18-36	SB-18-36	SB-18-36	SB-18-37	SB-18-37	SB-18-37	SB-18-37
Sample Depth:		2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2.2-4.2 ft BGS	8.2-10.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	0-0.5 ft BGS	10-12 ft BGS	2-4 ft BGS
Sample ID:		SB-18-33S2E4	SB-18-33S4E6	SB-18-33S6E8	SB-18-33S8E10	SB-18-35S2E4	SB-18-35S8E10	SB-18-35S0E1	SB-18-35S10E12	SB-18-35S1E2	SB-18-35S2E4	SB-18-35S4E6	SB-18-35S6E8	SB-18-35S8E10	SB-18-36S2E4	SB-18-36S0E1	SB-18-36S1E2	SB-18-36S2E4	SB-18-36S4E5	SB-18-37S0E1	SB-18-37S10E12	SB-18-37S2E4
Sample Date:		12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/01/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/01/1996	12/01/1996
Sample Type:																						
Parameter:		Units																				
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	-	-	-	-	53 ^{eff}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/kg	-	-	-	-	15 ^{ci}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																						
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																						
1-Methylnaphthalene		mg/kg	-	-	-	-	230	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	0.33 U	0.33 U	0.95
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	290 ^{eff}	6 ⁱ	-	-	-	-	-	-	0.33 U	-	-	-	-	0.33 U	0.33 U	1.7
2-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene		mg/kg	-	-	-	-	41 ⁱ	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	0.33 U	0.33 U	0.76
Acenaphthylene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	0.33 U	0.33 U	2.6
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	0.33 U	0.33 U	5.6
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	1.2	0.33 U	7.2
Benzo(a)pyrene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	1.8	0.33 U	4.2
Benzo(b)fluoranthene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	1.7	0.33 U	7.2
Benzo(g,h,i)perylene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	2	0.33 U	3.3 U
Benzo(k)fluoranthene		mg/kg	-	-	-	-	40 U	2.8 U	-	-	-	-	-	-	0.33 U	-	-	-	-	1.8	0.33 U	3.3 U
Biphenyl (1,1-Biphenyl)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-36	SB-18-36	SB-18-36	SB-18-36	SB-18-36	SB-18-37	SB-18-37	SB-18-37	SB-18-37
		2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2.2-4.2 ft BGS	8.2-10.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	0-0.5 ft BGS	10-12 ft BGS	2-4 ft BGS	0-0.5 ft BGS
		SB-18-33S2E4	SB-18-33S4E6	SB-18-33S6E8	SB-18-33S8E10	SB-18-33S2E4	SB-18-35S8E10	SB-18-35S0E1	SB-18-35S10E12	SB-18-35S1E2	SB-18-35S2E4	SB-18-35S4E6	SB-18-35S6E8	SB-18-35S8E10	SB-18-36S2E4	SB-18-36S0E1	SB-18-36S1E2	SB-18-36S2E4	SB-18-36S4E5	SB-18-37S0E1	SB-18-37S10E12	SB-18-37S2E4	SB-18-37S0E1
		12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/01/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/01/1996	12/01/1996
																						</	

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-33	SB-18-33	SB-18-33	SB-18-33	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-35	SB-18-36	SB-18-36	SB-18-36	SB-18-36	SB-18-36	SB-18-37	SB-18-37	SB-18-37	SB-18-37
Sample Depth:		2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2.2-4.2 ft BGS	8.2-10.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	0-0.5 ft BGS	10-12 ft BGS	2-4 ft BGS	0-0.5 ft BGS
Sample ID:		SB-18-33S2E4	SB-18-33S4E6	SB-18-33S6E8	SB-18-33S8E10	SB-18-35S2E4	SB-18-35S8E10	SB-18-35S0E1	SB-18-35S10E12	SB-18-35S1E2	SB-18-35S2E4	SB-18-35S4E6	SB-18-35S6E8	SB-18-35S8E10	SB-18-36S2E4	SB-18-36S0E1	SB-18-36S1E2	SB-18-36S2E4	SB-18-36S4E5	SB-18-37S0E1	SB-18-37S10E12	SB-18-37S2E4	SB-18-37S0E1
Sample Date:		12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/01/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/01/1996	12/01/1996	12/09/1996
Sample Type:																							
Parameter:		Units																					
Ignitability		Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture		%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity		s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids		%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																							
Permeability		cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																							
Clay		%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand		%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel		%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt		%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40
Sample Depth:	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Sample ID:	SB-18-37S1E2	SB-18-37S2E4	SB-18-37S4E6	SB-18-37S6E8	SB-18-37S8E10	SB-18-38S2E4	SB-18-38S0E1	SB-18-38S1E2	SB-18-38S2E4	SB-18-38S4E5	SB-18-39S2E4	SB-18-39S0E1	SB-18-39S10E12	SB-18-39S1E2	SB-18-39S2E4	SB-18-39S4E8	SB-18-39S6E8	SB-18-39S8E10	SB-18-40S2E4	SB-18-40S0E1	SB-18-40S1E2	SB-18-40S2E4	SB-18-40S4E6
Sample Date:	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996
Sample Type:																							
Parameter:	Units																						
VOCs																							
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40
Sample Depth:		0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:		SB-18-37S1E2	SB-18-37S2E4	SB-18-37S4E6	SB-18-37S6E8	SB-18-37S8E10	SB-18-38S2E4	SB-18-38S0E1	SB-18-38S1E2	SB-18-38S2E4	SB-18-38S4E5	SB-18-39S2E4	SB-18-39S0E1	SB-18-39S10E12	SB-18-39S1E2	SB-18-39S2E4	SB-18-39S4E8	SB-18-39S6E8	SB-18-39S8E10	SB-18-40S2E4	SB-18-40S0E1	SB-18-40S1E2	SB-18-40S2E4
Sample Date:		12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996
Sample Type:																							
Parameter:		Units																					
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																							
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																							
1-Methylnaphthalene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
2-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Acenaphthylene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Acetophenone		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Atrazine		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Benzo(a)pyrene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Benzo(b)fluoranthene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Benzo(g,h,i)perylene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Benzo(k)fluoranthene		mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-
Biphenyl (1,1-Biphenyl)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40
Sample Depth:	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS
Sample ID:	SB-18-37S1E2	SB-18-37S2E4	SB-18-37S4E6	SB-18-37S6E8	SB-18-37S8E10	SB-18-38S2E4	SB-18-38S0E1	SB-18-38S1E2	SB-18-38S2E4	SB-18-38S4E5	SB-18-39S2E4	SB-18-39S0E1	SB-18-39S10E12	SB-18-39S1E2	SB-18-39S2E4	SB-18-39S4E8	SB-18-39S6E8	SB-18-39S8E10	SB-18-40S2E4	SB-18-40S0E1	SB-18-40S1E2	SB-18-40S2E4	SB-18-40S4E6
Sample Date:	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996
Sample Type:																							
Parameter:	Units																						
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	0.33 U	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP SVOCs

1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40
Sample Depth:	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	
Sample ID:	SB-18-37S1E2	SB-18-37S2E4	SB-18-37S4E6	SB-18-37S6E8	SB-18-37S8E10	SB-18-38S2E4	SB-18-38S0E1	SB-18-38S1E2	SB-18-38S2E4	SB-18-38S4E5	SB-18-39S2E4	SB-18-39S0E1	SB-18-39S10E12	SB-18-39S1E2	SB-18-39S2E4	SB-18-39S4E8	SB-18-39S6E8	SB-18-39S8E10	SB-18-40S2E4	SB-18-40S0E1	SB-18-40S1E2	SB-18-40S2E4	SB-18-40S4E6	
Sample Date:	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	
Sample Type:																								
Parameter:	Units																							
Inorganics																								
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	mg/kg	200	47	13	3	7	-	42	8	4	2	-	1	8	4	4	3	7	2	-	97	13	5	3
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TCLP Metals																								
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silver	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-37	SB-18-38	SB-18-38	SB-18-38	SB-18-38	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-39	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40	SB-18-40	
Sample Depth:	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-5 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-12 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	
Sample ID:	SB-18-37S1E2	SB-18-37S2E4	SB-18-37S4E6	SB-18-37S6E8	SB-18-37S8E10	SB-18-38S2E4	SB-18-38S0E1	SB-18-38S1E2	SB-18-38S2E4	SB-18-38S4E5	SB-18-39S2E4	SB-18-39S0E1	SB-18-39S10E12	SB-18-39S1E2	SB-18-39S2E4	SB-18-39S4E8	SB-18-39S6E8	SB-18-39S8E10	SB-18-40S2E4	SB-18-40S0E1	SB-18-40S1E2	SB-18-40S2E4	SB-18-40S4E6	
Sample Date:	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/14/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	
Sample Type:																								
Parameter:	Units																							
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Geotech																								
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Misc																								
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

ID - Insufficient data to develop criterion

J - The associated value is qualified as an estimated quantity.

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - The data is qualified as unusable. (Note: Analyte may or may not be present).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-43	SB-18-43	SB-18-43
Sample Depth:	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS	6-8 ft BGS	10-12 ft BGS	10-12 ft BGS
Sample ID:	SB-18-41S0E1	SB-18-41S10E12	SB-18-41S1E2	SB-18-41S0E1	SB-18-41S10E12	SB-18-41S12E14	SB-18-41S1E2	SB-18-41S2E4	SB-18-41S4E6	SB-18-41S6E8	SB-18-41S8E10	SB-18-41AS2E4	SB-18-41AS0E1	SB-18-41AS10E11	SB-18-41AS1E2	SB-18-41AS2E4	SB-18-41AS4E6	SB-18-41AS6E8	SB-18-41AS8E10	SB-18-43S0E1	SB-18-43S0E1	SB-18-43S10E12	SB-18-43S10E12
Sample Date:	12/01/1996	12/01/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996
Sample Type:																							
Parameter:	Units																						
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																							
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																							
1-Methylnaphthalene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.33 U	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.33 U	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.33 U	-	-
Acenaphthylene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.83	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	1.6	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	3 U	-	-
Benzo(a)pyrene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	3 U	-	-
Benzo(b)fluoranthene	mg/kg	0.36	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	4.1	-	-
Benzo(g,h,i)perylene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	3 U	-	-
Benzo(k)fluoranthene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	3 U	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</			

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-43	SB-18-43	SB-18-43
Sample Depth:	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	10-12 ft BGS
Sample ID:	SB-18-41S0E1	SB-18-41S10E12	SB-18-41S1E2	SB-18-41S0E1	SB-18-41S10E12	SB-18-41S12E14	SB-18-41S1E2	SB-18-41S2E4	SB-18-41S4E6	SB-18-41S6E8	SB-18-41S8E10	SB-18-41AS2E4	SB-18-41AS0E1	SB-18-41AS10E11	SB-18-41AS1E2	SB-18-41AS2E4	SB-18-41AS4E6	SB-18-41AS6E8	SB-18-41AS8E10	SB-18-43S0E1	SB-18-43S0E1	SB-18-43S10E12
Sample Date:	12/01/1996	12/01/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/09/1996	12/09/1996
Sample Type:																						
Parameter:	Units																					
Butyl benzy1phtalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	3 U	-	-
Dibenz(a,h)anthracene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	3 U	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	0.44	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	4.4	-	-
Fluorene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	3 U	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	2.5 ⁱ	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.43	0.33 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	4.4	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TCLP SVOCs																						
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A	SB-18-41A
Sample Depth:		0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2-4 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	10-12 ft BGS
Sample ID:		SB-18-41S0E1	SB-18-41S10E12	SB-18-41S1E2	SB-18-41S0E1	SB-18-41S10E12	SB-18-41S12E14	SB-18-41S1E2	SB-18-41S2E4	SB-18-41S4E6	SB-18-41S6E8	SB-18-41S8E10	SB-18-41AS2E4	SB-18-41AS0E1	SB-18-41AS10E11	SB-18-41AS1E2	SB-18-41AS2E4	SB-18-41AS4E6	SB-18-41AS6E8	SB-18-41AS8E10	SB-18-43S0E1	SB-18-43S0E1	SB-18-43S10E12
Sample Date:		12/01/1996	12/01/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/01/1996	12/09/1996
Sample Type:																							
Parameter:	Units																						
Inorganics																							
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	170	3	6	6	11	10	5	6	-	37	3	23	3	7	4	5	-	2500 ^{4e}	3
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals																							
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																							
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons																							
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-51
Sample Depth:		12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	6-8 ft BGS	4-6 ft BGS	8-10 ft BGS
Sample ID:		SB-18-43S12E13	SB-18-43S1E2	SB-18-43S2E4	SB-18-43S4E6	SB-18-43S6E8	SB-18-43S8E10	SB-18-45S4E6	SB-18-45S0E1	SB-18-45S10E11	SB-18-45S1E2	SB-18-45S2E4	SB-18-45S4E6	SB-18-45S6E8	SB-18-45S8E10	SB-18-48S1E2	SB-18-48S0E1	SB-18-48S10E11	SB-18-48S1E2	SB-18-48S2E4	SB-18-48S4E8	SB-18-48S4E6	SB-18-48S8E10
Sample Date:		12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	03/01/1997
Sample Type:																							
Parameter:	Units																						
VOCs																							
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-51	SB-18-51
Sample Depth:	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	6-8 ft BGS	4-6 ft BGS	8-10 ft BGS	0.5-2 ft BGS
Sample ID:	SB-18-43S12E13	SB-18-43S1E2	SB-18-43S2E4	SB-18-43S4E6	SB-18-43S6E8	SB-18-43S8E10	SB-18-45S4E6	SB-18-45S0E1	SB-18-45S10E11	SB-18-45S1E2	SB-18-45S2E4	SB-18-45S4E6	SB-18-45S6E8	SB-18-45S8E10	SB-18-48S1E2	SB-18-48S0E1	SB-18-48S10E11	SB-18-48S1E2	SB-18-48S2E4	SB-18-48S4E8	SB-18-48S4E6	SB-18-48S8E10	SB-18-51E2
Sample Date:	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	03/01/1997
Sample Type:																							
Parameter:	Units																						
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Fluorene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	0.35 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	0.33 U
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP SVOCs																							
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

		PAOC 18 SB-18-43	PAOC 18 SB-18-43	PAOC 18 SB-18-43	PAOC 18 SB-18-43	PAOC 18 SB-18-43	PAOC 18 SB-18-43	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-45	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-48	PAOC 18 SB-18-51
Sample Location:		12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	6-8 ft BGS	4-6 ft BGS	8-10 ft BGS	0.5-2 ft BGS
Sample ID:		SB-18-43S12E13	SB-18-43S1E2	SB-18-43S2E4	SB-18-43S4E6	SB-18-43S6E8	SB-18-43S8E10	SB-18-45S4E6	SB-18-45S0E1	SB-18-45S10E11	SB-18-45S1E2	SB-18-45S2E4	SB-18-45S4E6	SB-18-45S6E8	SB-18-45S8E10	SB-18-48S1E2	SB-18-48S0E1	SB-18-48S10E11	SB-18-48S1E2	SB-18-48S2E4	SB-18-48S4E8	SB-18-48S4E6	SB-18-48S8E10	SB-18-51E2
Sample Date:		12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	03/01/1997
Sample Type:																								
Parameter:	Units																							
Inorganics																								
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	14	700	11	35	6	52	-	1700 ^{de}	8	340	4	8	10	4	-	100	3	7	3	3	4	4	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals																								
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																								
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons																								
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-43	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-45	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-48	SB-18-51
Sample Depth:	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	6-8 ft BGS	4-6 ft BGS	8-10 ft BGS	0.5-2 ft BGS
Sample ID:	SB-18-43S12E13	SB-18-43S1E2	SB-18-43S2E4	SB-18-43S4E6	SB-18-43S6E8	SB-18-43S8E10	SB-18-45S4E6	SB-18-45S0E1	SB-18-45S10E11	SB-18-45S1E2	SB-18-45S2E4	SB-18-45S4E6	SB-18-45S6E8	SB-18-45S8E10	SB-18-48S1E2	SB-18-48S0E1	SB-18-48S10E11	SB-18-48S1E2	SB-18-48S2E4	SB-18-48S4E8	SB-18-48S4E6	SB-18-48S8E10	SB-18-51E2
Sample Date:	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/16/1996	12/01/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	12/13/1996	03/01/1997
Sample Type:																							
Parameter:	Units																						
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																							
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																							
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-56	SB-18-56	SB-18-56
Sample Depth:		0-0.5 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS
Sample ID:		SB-18-51S0E1	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-51S0E1	SB-18-51S10E12	SB-18-51S1E2	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-54S0E1	SB-18-54S10E12	SB-18-54S1E2	SB-18-54S2E4	SB-18-54S4E6	SB-18-54S6E8	SB-18-54S8E10	SB-18-56S0E1	SB-18-56S10E12
Sample Date:		03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	
Sample Type:																						
Parameter:	Units																					
VOCs																						
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51
Sample Depth:		0-0.5 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:		SB-18-51S0E1	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-51S0E1	SB-18-51S10E12	SB-18-51S1E2	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-54S0E1	SB-18-54S10E12	SB-18-54S1E2	SB-18-54S2E4	SB-18-54S4E6	SB-18-54S6E8	SB-18-54S8E10	SB-18-56S0E1	SB-18-56S10E12	SB-18-56S1E2	SB-18-56S2E4
Sample Date:		03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:																								
Parameter:	Units																							
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs																								
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																								
1-Methylnaphthalene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	1.4	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.75	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.89	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.82	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-56	SB-18-56	SB-18-56	
Sample Depth:	0-0.5 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:	SB-18-51S0E1	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-51S0E1	SB-18-51S10E12	SB-18-51S1E2	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-54S0E1	SB-18-54S10E12	SB-18-54S1E2	SB-18-54S2E4	SB-18-54S4E6	SB-18-54S6E8	SB-18-54S8E10	SB-18-56S0E1	SB-18-56S10E12	SB-18-56S1E2	SB-18-56S2E4
Sample Date:	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	
Sample Type:																							
Parameter:	Units																						
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chrysene	mg/kg	1.5	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibenz(a,h)anthracene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fluoranthene	mg/kg	2.8	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fluorene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Indeno(1,2,3-cd)pyrene	mg/kg	0.77	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phenanthrene	mg/kg	0.98	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pyrene	mg/kg	1.9	0.33 U	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TCLP SVOCs																							
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51
Sample Depth:	0-0.5 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	SB-18-56
Sample ID:	SB-18-51S0E1	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-51S0E1	SB-18-51S10E12	SB-18-51S1E2	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-54S0E1	SB-18-54S10E12	SB-18-54S1E2	SB-18-54S2E4	SB-18-54S4E6	SB-18-54S6E8	SB-18-54S8E10	SB-18-56S0E1	SB-18-56S10E12	SB-18-56S1E2	SB-18-56S2E4	SB-18-56
Sample Date:	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:																								
Parameter:																								
	Units																							
Inorganics																								
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	520	8	260	8	5	5	32	70	6	12	37	7	7	7	390	3.1	49	4
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCLP Metals																								
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs																								
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons																								
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-51	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-54	SB-18-56	SB-18-56	SB-18-56
Sample Depth:	0-0.5 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:	SB-18-51S0E1	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-51S0E1	SB-18-51S10E12	SB-18-51S1E2	SB-18-51S2E4	SB-18-51S4E6	SB-18-51S6E8	SB-18-51S8E10	SB-18-54S0E1	SB-18-54S10E12	SB-18-54S1E2	SB-18-54S2E4	SB-18-54S4E6	SB-18-54S6E8	SB-18-54S8E10	SB-18-56S0E1	SB-18-56S10E12	SB-18-56S1E2	SB-18-56S2E4
Sample Date:	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/01/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:																							
Parameter:	Units																						
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geotech																							
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc																							
Clay	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Notes:																							
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).																							
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels																							
ID - Insufficient data to develop criterion																							
J - The associated value is qualified as an estimated quantity.																							
NLL - Hazardous substance is not likely to leach under most soil conditions.																							
NLV - Hazardous substance is not likely to volatilize under most conditions																							
R - The data is qualified as unusable. (Note: Analyte may or may not be present).																							
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.																							
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.																							

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-56	SB-18-56	SB-18-56	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57
Sample Depth:		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:		SB-18-56S4E6	SB-18-56S6E8	SB-18-56S8E10	SB-18-57S0E1	SB-18-57S10E12	SB-18-57S1E2	SB-18-57S2E4	SB-18-57S4E6	SB-18-57S6E8	SB-18-57S8E10
Sample Date:		03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:											
Parameter:	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-56	SB-18-56	SB-18-56	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57
Sample Depth:		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:		SB-18-56S4E6	SB-18-56S6E8	SB-18-56S8E10	SB-18-57S0E1	SB-18-57S10E12	SB-18-57S1E2	SB-18-57S2E4	SB-18-57S4E6	SB-18-57S6E8	SB-18-57S8E10
Sample Date:		03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:											
Parameter:	Units										
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) et	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	SB-18-56	SB-18-56	SB-18-56	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57
Sample Depth:	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:	SB-18-56S4E6	SB-18-56S6E8	SB-18-56S8E10	SB-18-57S0E1	SB-18-57S10E12	SB-18-57S1E2	SB-18-57S2E4	SB-18-57S4E6	SB-18-57S6E8	SB-18-57S8E10
Sample Date:	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:										
Parameter:	Units									
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-
TCLP SVOCs										
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-

APPENDIX F.1A
PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-56	SB-18-56	SB-18-56	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57
Sample Depth:		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:		SB-18-56S4E6	SB-18-56S6E8	SB-18-56S8E10	SB-18-57S0E1	SB-18-57S10E12	SB-18-57S1E2	SB-18-57S2E4	SB-18-57S4E6	SB-18-57S6E8	SB-18-57S8E10
Sample Date:		03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:											
Parameter:	Units										
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	4	7.4	5.6	5	4	3	4	9	9	9
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon	%	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB-18-56	SB-18-56	SB-18-56	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57	SB-18-57
Sample Depth:		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:		SB-18-56S4E6	SB-18-56S6E8	SB-18-56S8E10	SB-18-57S0E1	SB-18-57S10E12	SB-18-57S1E2	SB-18-57S2E4	SB-18-57S4E6	SB-18-57S6E8	SB-18-57S8E10
Sample Date:		03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:											
Parameter:	Units										
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-
Geotech											
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-
Misc											
Clay	%	-	-	-	-	-	-	-	-	-	-
Fine sand	%	-	-	-	-	-	-	-	-	-	-
Gravel	%	-	-	-	-	-	-	-	-	-	-
Silt	%	-	-	-	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source VSIC	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	
Units	x	a	b	c	d	e	f	g	h	i	j	
VOCs												
1,1,1,2-Tetrachloroethane	mg/kg	-	330	210	120	440	6.4	33	530000	440	ID	440
1,1,1-Trichloroethane	mg/kg	-	31000	15000	4500	460	4	460	29000000	460	1.8	460
1,1,2,2-Tetrachloroethane	mg/kg	-	34	34	34	240	0.7	23	68000	94	1.6	870
1,1,2-Trichloroethane	mg/kg	-	120	57	57	840	0.1	24	250000	420	6.6	920
1,1-Dichloroethane	mg/kg	-	14000	6000	2500	890	50	430	15000000	890	15	890
1,1-Dichloroethene	mg/kg	-	37	15	3.7	570	0.14	0.33	78000	220	2.6	570
1,2,3-Trichloropropane	mg/kg	-	12	11	11	830	2.4	7.5	8800	830		830
1,2,4-Trichlorobenzene	mg/kg	-	34000	34000	34000	1100	4.2	1100	11000000	1100	5.9	1100
1,2,4-Trimethylbenzene	mg/kg	-	600000	600000	25000	110	2.1	110	36000000	110	0.57	110
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	15	15	15	1.2	0.01	1.2	5900	1.2	ID	1.2
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	9.8	5.8	5.8	0.43	0.02	3.6	18000	0.5	0.11	890
1,2-Dichlorobenzene	mg/kg	-	55000	46000	46000	210	14	210	44000000	210	0.28	210
1,2-Dichloroethane	mg/kg	-	74	33	21	420	0.1	11	150000	380	7.2	1200
1,2-Dichloropropane	mg/kg	-	120	51	30	550	0.1	7.4	120000	320	4.6	550
1,3,5-Trimethylbenzene	mg/kg	-	460000	460000	19000	94	1.8	94	36000000	94	1.1	94
1,3-Dichlorobenzene	mg/kg	-	110	94	94	170	0.48	48	8800	51	0.68	170
1,4-Dichlorobenzene	mg/kg	-	340	260	260	1900	1.7	100	570000	140	0.36	-
1-Chloro-2,3-epoxypropane	mg/kg	-	37	37	37	41	0.1	120	29000	220		7300
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	36000	35000	35000	27000	760	27000	29000000	27000	44	27000
2-Hexanone	mg/kg	-	1500	1300	1300	2500	58	1800	1200000	2500	ID	2500
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	70000	53000	53000	2700	100	2700	60000000	2700	ID	2700
Acetone	mg/kg	-	200000	160000	160000	73000	42	110000	170000000	110000	34	110000
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	230	99	45	400	0.1	8.4	470000	220	4	400
Bromobenzene	mg/kg	-	540	540	540	760	1.5	580	240000	360		760
Bromodichloromethane	mg/kg	-	57	31	31	490	1.6	6.4	110000	280	ID	1500
Bromoform	mg/kg	-	3100	3100	3100	870	1.6	770	3600000	870	ID	870
Bromomethane (Methyl bromide)	mg/kg	-	140	57	13	1000	0.58	1.6	150000	1400	0.7	2200
Carbon disulfide	mg/kg	-	19000	8000	1600	280	46	140	21000000	280	ID	280
Carbon tetrachloride	mg/kg	-	79	34	12	390	0.1	0.99	170000	92	0.9	390
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260	0.5	260
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	280000	120000	36000	950	34	950	290000000	950	22	950
Chloroform (Trichloromethane)	mg/kg	-	790	340	150	1500	1.6	38	1600000	1500	7	1500
Chloromethane (Methyl chloride)	mg/kg	-	2500	1000	120	1100	22	10	2600000	1100	ID	1100
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640	12	640
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	27000	11000	1300	220000	15000	32	29000000	220000		220000
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	98	80	80	500	1.6	21	160000	360	ID	610
Dibromomethane	mg/kg	-	ID	ID	ID	2000	4.6	ID	ID	2000		2000
Dichlorodifluoromethane (CFC-12)	mg/kg	-	1400000	550000	63000	1000	270	1700	1500000000	1000	ID	1000
Ethyl ether	mg/kg	-	350000	160000	100000	7400	0.2	7400	350000000	7400	ID	7400
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140	0.36	140
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	3000	2000	2000	390	260	390	2600000	390	3.2	390
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-

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	Units	x	a	b	c	d	e	f	g	h	i	j
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	89000	41000	30000	5900	0.8	5900	88000000	5900	140	5900
Methylene chloride	mg/kg	-	4000	1700	700	2300	0.1	240	8300000	2300	30	2300
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-
N-Propylbenzene	mg/kg	-	ID	ID	ID	8000	4.6	ID	590000	300	ID	10000
o-Xylene	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	-	150
p-Xylene	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	-	150
Styrene	mg/kg	-	4200	3300	3300	520	2.7	520	6900000	270	2.1	520
Tetrachloroethene	mg/kg	-	3300	1400	600	88	0.1	60	6800000	88	1.2	88
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250	5.4	250
trans-1,2-Dichloroethene	mg/kg	-	2000	840	330	1400	2	43	2100000	1400	30	1400
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440	4	500
Trichlorofluoromethane (CFC-11)	mg/kg	-	140000000	140000000	110000	560	150	560	1700000000	560		560
Trifluorotrichloroethane (Freon 113)	mg/kg	-	2100000	890000	210000	550	550	550	2300000000	550	1.7	550
Vinyl chloride	mg/kg	-	420	170	29	34	0.04	2.8	890000	20	0.26	490
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	0.82	150
01 SPLP VOCs												
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
TCLP VOCs												
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-	-
SVOCs												

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	Units	x	a	b	c	d	e	f	g	h	i	j
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	73000	110	NLV	10000000	9100		-
2,4,6-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200	0.33	-
2,4-Dichlorophenol	mg/kg	-	NLV	NLV	NLV	1800	4.2	NLV	2300000	960	0.33	1800
2,4-Dimethylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2100000	10000	7.6	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	NLV	NLV	NLV	220	0.64	NLV	20000	170		-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	ID	ID	ID	180000	1800	ID	ID	2300		-
2-Chlorophenol	mg/kg	-	1100	1100	1100	4500	2.6	800	530000	1900	0.36	19000
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500	4.2	-
2-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	NLV	NLV	NLV	2000	1.2	NLV	ID	1600	ID	-
3&4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-
3,3'-Dichlorobenzidine	mg/kg	-	NLV	NLV	NLV	30	2	NLV	8200	4.6	2	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	NLV	NLV	NLV	260	0.83	NLV	ID	190		-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	NLV	NLV	NLV	15000	16	NLV	ID	3000	0.28	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970	8.7	-
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440	ID	-
Acetophenone	mg/kg	-	52000	52000	52000	1100	88	1100	14000000	1100	ID	1100
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41	-	29000000	41	ID	-
Atrazine	mg/kg	-	NLV	NLV	NLV	330	0.06	NLV	ID	110	0.15	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL	NLL	-
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL	NLL	-
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL	NLL	-
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL	NLL	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	13	13	13	58	0.17	44	12000	110	0.1	2200
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	NLV	NLV	NLV	10000	NLL	NLV	890000	NLL	NLL	10000
Butyl benzylphthalate (BBP)	mg/kg	-	NLV	NLV	NLV	310	310	NLV	21000000	310	120	310
Caprolactam	mg/kg	-	NLV	NLV	NLV	310000	340	NLV	290000	-		-
Carbazole	mg/kg	-	NLV	NLV	NLV	2400	39	NLV	78000	820	1.1	-
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL	NLL	-
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL	NLL	-
Dibenzofuran	mg/kg	-	160	160	160	ID	ID	3600	2900	ID	1.7	-
Diethyl phthalate	mg/kg	-	NLV	NLV	NLV	740	320	NLV	1500000	740	2.2	740
Dimethyl phthalate	mg/kg	-	NLV	NLV	NLV	790	790	NLV	1500000	790		790
Di-n-butylphthalate (DBP)	mg/kg	-	NLV	NLV	NLV	760	760	NLV	1500000	760	11	760
Di-n-octyl phthalate (DnOP)	mg/kg	-	NLV	NLV	NLV	20000	140000	NLV	14000000	140000	ID	140000

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	Units	x	a	b	c	d	e	f	g	h	i	j
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730	-	4100000	730	5.5	-
Fluorene	mg/kg	-	150000	150000	150000	87000	890	-	4100000	890	5.3	-
Hexachlorobenzene	mg/kg	-	56	56	56	37	1.8	220	8500	8.2	0.35	-
Hexachlorobutadiene	mg/kg	-	460	460	460	350	72	350	180000	350	0.091	350
Hexachlorocyclopentadiene	mg/kg	-	60	60	60	720	320	56	5900	720	ID	720
Hexachloroethane	mg/kg	-	1400	1400	660	730	1.2	79	100000	110	1.8	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400	26	2400
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-
Nitrobenzene	mg/kg	-	64	64	64	340	0.33	170	21000	220	3.6	490
N-Nitrosodi-n-propylamine	mg/kg	-	NLV	NLV	NLV	5.4	0.33	NLV	2000	7.2		1500
N-Nitrosodiphenylamine	mg/kg	-	NLV	NLV	NLV	7800	22	NLV	2800000	700		-
Pentachlorophenol	mg/kg	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3	26.5	-
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100	2.1	-
Phenol	mg/kg	-	NLV	NLV	NLV	12000	260	NLV	18000000	12000	9	12000
Pyrene	mg/kg	-	780000	780000	780000	84000	480	-	2900000	480	ID	-
Inorganics												
Aluminum	mg/kg	6900	NLV	NLV	NLV	370000	1	NLV	ID	-		-
Antimony	mg/kg	-	NLV	NLV	NLV	670	4.3	NLV	5900	49000	94	-
Arsenic	mg/kg	5.8	NLV	NLV	NLV	37	4.6	NLV	910	2000	4.6	-
Barium	mg/kg	75	NLV	NLV	NLV	130000	1300	NLV	150000	-	1250	-
Beryllium	mg/kg	-	NLV	NLV	NLV	1600	51	NLV	590	-	948	-
Cadmium	mg/kg	1.2	NLV	NLV	NLV	2100	6	NLV	2200	230000	7.32	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X	
Chromium III (trivalent)	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X	
Chromium VI (hexavalent)	mg/kg		NLV	NLV	NLV	9200	30	NLV	240	140000	3.3	
Cobalt	mg/kg	6.8	NLV	NLV	NLV	9000	2	NLV	5900	48000	2	-
Copper	mg/kg	32	NLV	NLV	NLV	73000	5800	NLV	59000	-	167	-
Iron	mg/kg	12000	NLV	NLV	NLV	580000	6	NLV	ID	-		-
Lead	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-
Lead - coarse fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-
Lead - fine fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-
Magnesium	mg/kg	-	NLV	NLV	NLV	-	22000	NLV	2900000	-		-
Manganese	mg/kg	440	NLV	NLV	NLV	90000	1	NLV	1500	180000	128	-
Mercury	mg/kg	0.13	62	62	62	580	1.7	89	8800	47	0.05	-
Nickel	mg/kg	20	NLV	NLV	NLV	150000	100	NLV	16000	-	166	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.41	NLV	NLV	NLV	9600	4	NLV	59000	78000	0.4	-
Silver	mg/kg	1	NLV	NLV	NLV	9000	13	NLV	2900	200000	0.1	-
Sodium	mg/kg	-	NLV	NLV	NLV	-	7000	NLV	ID	-		-
Thallium	mg/kg	-	NLV	NLV	NLV	130	2.3	NLV	5900	15000	4.2	-
Vanadium	mg/kg	-	NLV	NLV	NLV	5500	990	NLV	ID	-	190	-
Zinc	mg/kg	-	NLV	NLV	NLV	630000	5000	NLV	ID	-	377	-
Cyanide (total)	mg/kg	-	NLV	NLV	NLV	250	4	NLV	250	250	0.1	-

TCLP Metals

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Units	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source VSIC	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels
		x	a	b	c	d	e	f	g	h	i	j
Arsenic	mg/L											
Barium	mg/L											
Cadmium	mg/L											
Chromium	mg/L											
Copper	mg/L											
Lead	mg/L											
Mercury	mg/L											
Selenium	mg/L											
Silver	mg/L											
Zinc	mg/L											
PCBs												
Aroclor-1016 (PCB-1016)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Aroclor-1221 (PCB-1221)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Aroclor-1232 (PCB-1232)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Aroclor-1242 (PCB-1242)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Aroclor-1248 (PCB-1248)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Aroclor-1254 (PCB-1254)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Aroclor-1260 (PCB-1260)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Total PCBs	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-
Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels.
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB19-12 3-5 ft BGS S-17303-112103-DD-239 11/21/2003	PAOC 18 SB19-12 7-9 ft BGS S-17303-112103-DD-240 11/21/2003	PAOC 18 SB19-13 0-2 ft BGS S-17303-112103-DD-236 11/21/2003	PAOC 18 SB19-13 2-4 ft BGS S-17303-112103-DD-237 11/21/2003	PAOC 18 SB19-13 8-10 ft BGS S-17303-112103-DD-238 11/21/2003	PAOC 18 SB19-16 0-2 ft BGS S-17303-111403-DD-213 11/14/2003	PAOC 18 SB19-16 4-6 ft BGS S-17303-111403-DD-214 11/14/2003	PAOC 18 B-11 - S-17303-040903-DCR-187 04/09/2003	PAOC 18 MW19-17 0-2 ft BGS S-17303-111103-DD-203 11/11/2003	PAOC 18 MW19-17 8-10 ft BGS S-17303-111103-DD-204 11/11/2003
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
1,1,1-Trichloroethane	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
1,1,2,2-Tetrachloroethane	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	0.13 U	0.089 UJ	1.5 U
1,1,2-Trichloroethane	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
1,1-Dichloroethane	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
1,1-Dichloroethene	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
1,2,4-Trichlorobenzene	mg/kg	7.2 J ^{ei}	3.1 J	0.95 U	-	7500 U	0.32 U	0.85 U	0.77	0.22 UJ	3.8 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	-	0.22 UJ	3.8 U
1,2-Dichlorobenzene	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	0.13 U	0.089 UJ	1.5 U
1,2-Dichloroethane	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
1,2-Dichloropropane	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
1,3-Dichlorobenzene	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	0.13 U	0.089 UJ	1.5 U
1,4-Dichlorobenzene	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	0.13 U	0.089 UJ	1.5 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	1.6 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	36 U	73 U	2.9 U	-	22000 U	0.95 U	2.5 U	0.98 U	0.67 UJ	11 U
2-Hexanone	mg/kg	120 U	240 U	9.5 U	-	75000 U	3.2 U	8.5 U	3.3 U	2.2 UJ	38 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	1.3 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	120 U	240 U	9.5 U	-	75000 U	3.2 U	8.5 U	3.3 U	2.2 UJ	38 U
Acetone	mg/kg	36 U	73 U	2.9 U	-	22000 U	0.95 U	2.5 U	-	0.67 UJ	11 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	0 U	-	-
Benzene	mg/kg	2.4 U	4.8 U	0.081 J	-	1500 U	0.063 U	0.17 U	-	0.045 UJ	0.76 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
Bromodichloromethane	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	0.13 U	0.089 UJ	1.5 U
Bromoform	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	0.13 U	0.089 UJ	1.5 U
Bromomethane (Methyl bromide)	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
Carbon disulfide	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
Carbon tetrachloride	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
Chlorobenzene	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
Chloroethane	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
Chloroform (Trichloromethane)	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
Chloromethane (Methyl chloride)	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
cis-1,2-Dichloroethene	mg/kg	89 ^{efi}	100 ^{efi}	5.5 ^e	-	1400 J ^{bcddefhij}	0.063 U	5 ^e	34 ^{ei}	0.045 UJ	6.2 ^e
cis-1,3-Dichloropropene	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	-	0.045 UJ	0.76 U
Cyclohexane	mg/kg	58 U	120 U	4.6 U	-	36000 U	1.5 U	4.1 U	-	1.1 UJ	18 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	33 U	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
Dibromochloromethane	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	-	0.089 UJ	1.5 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	1.3 U	-	-
Ethylbenzene	mg/kg	4.8 ^{ei}	15 ^{ei}	0.24	-	730 J ^{defhij}	0.063 U	0.17 U	0.26	0.013 J	0.76 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	0.65 U	-	-
Isopropyl benzene	mg/kg	1.3 J	4.5 J ⁱ	0.076 J	-	7500 U	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
Methyl acetate	mg/kg	58 U	120 U	4.6 U	-	36000 U	0.11 J	4.1 U	-	0.066 J	18 U

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	Units										
Methyl cyclohexane	mg/kg	2.7 J	4 J	4.6 U	-	36000 U	1.5 U	4.1 U	-	1.1 UJ	18 U
Methyl tert butyl ether (MTBE)	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	-	0.22 UJ	3.8 U
Methylene chloride	mg/kg	12 U	10 J ^e	0.95 U	-	3200 J ^{bcddefhij}	0.32 U	0.85 U	0.33 U	0.22 UJ	3.8 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	0.33 U	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
Tetrachloroethene	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
Toluene	mg/kg	0.76 J	2.8 J	0.21 J	-	430 J ^{defhij}	0.13 U	0.34 U	0.18	0.027 J	1.5 U
trans-1,2-Dichloroethene	mg/kg	2.4 U	4.8 U	0.13 J	-	1500 U	0.063 U	0.17 U	0.33 U	0.045 UJ	0.76 U
trans-1,3-Dichloropropene	mg/kg	2.4 U	4.8 U	0.19 U	-	1500 U	0.063 U	0.17 U	0.065 U	0.045 UJ	0.76 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	6.5 U	-	-
Trichloroethene	mg/kg	64 ^{efi}	4.8 U	0.12 J ^e	-	47000 ^{bcddefhij}	0.037 J	0.17 U	0.065 U	1.6 J ^e	22 ^{ei}
Trichlorofluoromethane (CFC-11)	mg/kg	4.9 U	9.7 U	0.38 U	-	3000 U	0.13 U	0.34 U	-	0.089 UJ	1.5 U
Trifluorotrichloroethane (Freon 113)	mg/kg	12 U	24 U	0.95 U	-	7500 U	0.32 U	0.85 U	-	0.22 UJ	3.8 U
Vinyl chloride	mg/kg	1.9 J ^{ei}	9.7 U	2.5 ^{ei}	-	3000 U	0.13 U	0.22 J ^e	0.51 ^{ei}	0.089 UJ	1.5 U
Xylenes (total)	mg/kg	49 ^{ei}	140 ^{ei}	1.9 ⁱ	-	4500 J ^{defhij}	0.63 U	1.7 U	1.02 ⁱ	0.088 J	7.6 U

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-

SVOCs

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	Units										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2,4,5-Trichlorophenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2,4,6-Trichlorophenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2,4-Dichlorophenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2,4-Dimethylphenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2,4-Dinitrophenol	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.2 U	1.8 U	1.8 U
2,4-Dinitrotoluene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2,6-Dinitrotoluene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2-Chloronaphthalene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2-Chlorophenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2-Methylnaphthalene	mg/kg	0.95 J	2.2 J	4.6 ⁱ	4.4 ⁱ	32 J ⁱ	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2-Methylphenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
2-Nitroaniline	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.2 U	1.8 U	1.8 U
2-Nitrophenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	0.43 U	-	-
3,3'-Dichlorobenzidine	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.6 U	1.8 U	1.8 U
3-Nitroaniline	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.2 U	1.8 U	1.8 U
4,6-Dinitro-2-methylphenol	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.2 U	1.8 U	1.8 U
4-Bromophenyl phenyl ether	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
4-Chloro-3-methylphenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
4-Chloroaniline	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	2.2 U	0.37 U	0.37 U
4-Chlorophenyl phenyl ether	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
4-Methylphenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	16 J ⁱ	0.36 U	0.4 U	-	0.37 U	0.37 U
4-Nitroaniline	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.2 U	1.8 U	1.8 U
4-Nitrophenol	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	2.2 U	1.8 U	1.8 U
Acenaphthene	mg/kg	3.7 U	7.3 U	0.22 J	0.2 J	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Acenaphthylene	mg/kg	3.7 U	7.3 U	1.8 U	0.43 J	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Acetophenone	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Anthracene	mg/kg	3.7 U	7.3 U	0.49 J	0.48 J	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Atrazine	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.2 U	0.37 U	0.37 U
Benzaldehyde	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.078 J	0.4 U	0.43 U	0.37 U	0.37 U
Benzo(a)anthracene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.037 J	0.37 U
Benzo(a)pyrene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.044 J	0.37 U
Benzo(b)fluoranthene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.043 J	0.37 U
Benzo(g,h,i)perylene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.033 J	0.37 U
Benzo(k)fluoranthene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.033 J	0.37 U
Biphenyl (1,1-Biphenyl)	mg/kg	1 J	2 J	0.86 J	0.82 J	24 J	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
bis(2-Chloroethoxy)methane	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
bis(2-Chloroethyl)ether	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.13 U	0.37 U	0.37 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Butyl benzylphthalate (BBP)	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Caprolactam	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Carbazole	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Chrysene	mg/kg	0.23 J	7.3 U	1.8 U	0.1 J	84 U	0.36 U	0.4 U	0.43 U	0.052 J	0.37 U
Dibenz(a,h)anthracene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Dibenzofuran	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Diethyl phthalate	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Dimethyl phthalate	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Di-n-butylphthalate (DBP)	mg/kg	2.3 J	4 J	0.41 J	0.44 J	320 ⁱ	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Di-n-octyl phthalate (DnOP)	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB19-12 3-5 ft BGS S-17303-112103-DD-239 11/21/2003	PAOC 18 SB19-12 7-9 ft BGS S-17303-112103-DD-240 11/21/2003	PAOC 18 SB19-13 0-2 ft BGS S-17303-112103-DD-236 11/21/2003	PAOC 18 SB19-13 2-4 ft BGS S-17303-112103-DD-237 11/21/2003	PAOC 18 SB19-13 8-10 ft BGS S-17303-112103-DD-238 11/21/2003	PAOC 18 SB19-16 0-2 ft BGS S-17303-111403-DD-213 11/14/2003	PAOC 18 SB19-16 4-6 ft BGS S-17303-111403-DD-214 11/14/2003	PAOC 18 B-11 - S-17303-040903-DCR-187 04/09/2003	PAOC 18 MW19-17 0-2 ft BGS S-17303-111103-DD-203 11/11/2003	PAOC 18 MW19-17 8-10 ft BGS S-17303-111103-DD-204 11/11/2003
	Units										
Fluoranthene	mg/kg	0.88 J	2 J	0.61 J	0.67 J	21 J ⁱ	0.36 U	0.4 U	0.43 U	0.08 J	0.37 U
Fluorene	mg/kg	1.1 J	2.1 J	0.74 J	0.7 J	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Hexachlorobenzene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Hexachlorobutadiene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Hexachlorocyclopentadiene	mg/kg	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U	0.43 U	1.8 U	1.8 U
Hexachloroethane	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Indeno(1,2,3-cd)pyrene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.025 J	0.37 U
Isophorone	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Naphthalene	mg/kg	1 J ⁱ	3.6 J ⁱ	2 ⁱ	1.9 ⁱ	93 ⁱ	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Nitrobenzene	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.26 U	0.37 U	0.37 U
N-Nitrosodi-n-propylamine	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
N-Nitrosodiphenylamine	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Pentachlorophenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U	1 U	0.37 U	0.37 U
Phenanthrene	mg/kg	0.94 J	2.3 J ⁱ	1.1 J	1.1 J	25 J ⁱ	0.36 U	0.4 U	0.43 U	0.037 J	0.37 U
Phenol	mg/kg	3.7 U	7.3 U	1.8 U	1.8 U	49 J ⁱ	0.36 U	0.4 U	0.43 U	0.37 U	0.37 U
Pyrene	mg/kg	3.7 U	0.43 J	0.19 J	0.21 J	84 U	0.36 U	0.4 U	0.43 U	0.077 J	0.37 U
Inorganics											
Aluminum	mg/kg	3060	4300	3450	3400	13100 ^{xe}	3010	2450	-	5300	3680
Antimony	mg/kg	1.4	2.3	4.0	18.2 ^e	449 ^{ei}	0.54 U	0.31 J	-	0.57 UJ	0.57 UJ
Arsenic	mg/kg	1.8	2.9	2.6	2.6	4.0	1.5	5.8	-	3.0	1.3
Barium	mg/kg	16.7	41.9	203	225	454	39.1	9.9	-	37.9	16.6
Beryllium	mg/kg	0.23 U	0.22 U	0.22 U	0.22 U	0.091 J	0.22 U	0.24 U	-	0.048 J	0.23 U
Cadmium	mg/kg	0.50	0.70	8.3 ^{xvi}	1.4	68.3 ^{xvi}	1.6	0.073	-	0.18	0.16
Calcium	mg/kg	1030	11300	10800	17000	3080	1040	10700	-	46700	43800
Chromium	mg/kg	35.8	214	28.9	28.2	6190	8.2	5.4	-	10	7.5
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	3.6	7.0 J ^{xvi}	5.0	3.6	67.8 ^{xvi}	1.8	2.6	-	5.0	3.9
Copper	mg/kg	12.0	8.6 J	12.5	12.6	373 ^{xi}	2.3	5.8	-	11.5	9.1
Iron	mg/kg	5030	6640	5440	5030	10700	4630	7240	-	10800	7420
Lead	mg/kg	24.1	32.3	50.3	32.6	2540 ^{xde}	18.5	2.8	-	8.3	4.2
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	809	4400	6340	8630	719	471	2720	-	9940	10800
Manganese	mg/kg	44.9	112	89.0	89.2	120	199	104	-	285	153
Mercury	mg/kg	0.11 U	0.030 J	0.029 J	0.024 J	2.6 ^{xvi}	0.11 U	0.12 U	-	0.027 J	0.11 U
Nickel	mg/kg	6.6	8.1 J	6.7	5.6	39.1	3.0	6.6	-	11.9	9.8
Potassium	mg/kg	238 J	340 J	251 J	256 J	1830	116 J	285 J	-	872	575
Selenium	mg/kg	0.23 U	0.22 U	2.5 ^{xi}	0.32	0.25 J	0.83 ^{xi}	0.094 J	-	0.23 U	0.23 U
Silver	mg/kg	0.57 U	0.55 U	0.55 U	0.55 U	69.4 ^{xvi}	0.54 U	0.60 U	-	0.57 U	0.57 U
Sodium	mg/kg	247 U	212 U	305 U	296 U	1060	108 U	120 U	-	70.5 J	86.0 J
Thallium	mg/kg	0.052 J	0.15	0.038 J	0.049 J	6.4 U	0.54 U	0.60 U	-	0.13	0.11
Vanadium	mg/kg	8.6	11.1	7.9	7.6	12.5	7.0	8.4	-	13.0	11.3
Zinc	mg/kg	91.6	545 J ⁱ	181	165	10900 ^{ei}	28.5	18.4	-	34.1	27.8
Cyanide (total)	mg/kg	0.095 J	0.22 U	0.18 J ⁱ	0.093 J	4.5 ^{ei}	1.2 ⁱ	0.33 ⁱ	-	0.23 U	0.23 U
TCLP Metals											

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB19-12 3-5 ft BGS S-17303-112103-DD-239 11/21/2003	PAOC 18 SB19-12 7-9 ft BGS S-17303-112103-DD-240 11/21/2003	PAOC 18 SB19-13 0-2 ft BGS S-17303-112103-DD-236 11/21/2003	PAOC 18 SB19-13 2-4 ft BGS S-17303-112103-DD-237 11/21/2003	PAOC 18 SB19-13 8-10 ft BGS S-17303-112103-DD-238 11/21/2003	PAOC 18 SB19-16 0-2 ft BGS S-17303-111403-DD-213 11/14/2003	PAOC 18 SB19-16 4-6 ft BGS S-17303-111403-DD-214 11/14/2003	PAOC 18 B-11 - S-17303-040903-DCR-187 04/09/2003	PAOC 18 MW19-17 0-2 ft BGS S-17303-111103-DD-203 11/11/2003	PAOC 18 MW19-17 8-10 ft BGS S-17303-111103-DD-204 11/11/2003
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U	8.6 U	0.37 U	0.37 U
Aroclor-1221 (PCB-1221)	mg/kg	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U	8.6 U	0.37 U	0.37 U
Aroclor-1232 (PCB-1232)	mg/kg	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U	8.6 U	0.37 U	0.37 U
Aroclor-1242 (PCB-1242)	mg/kg	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U	8.6 U	0.37 U	0.37 U
Aroclor-1248 (PCB-1248)	mg/kg	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U	8.6 U	0.076 J	0.37 U
Aroclor-1254 (PCB-1254)	mg/kg	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U	8.6 U	0.37 U	0.37 U
Aroclor-1260 (PCB-1260)	mg/kg	7	3	0.19 J	0.28 J	11	0.36 U	0.4 U	10	0.076 J	0.37 U
Total PCBs	mg/kg	7	3	0.19 J	0.28 J	11	0.36 U	0.4 U	10	0.152 J	0.37 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	2300	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	35	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels.
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW19-18 0-2 ft BGS S-17303-111103-DD-200 11/11/2003	PAOC 18 MW19-18 7.5-9.5 ft BGS S-17303-111103-DD-201 11/11/2003	PAOC 18 MW18-01 0-2 ft BGS S-17303-051704-DCR-317 05/17/2004	PAOC 18 MW18-01 3-5 ft BGS S-17303-051704-DCR-318 05/17/2004	PAOC 18 MW18-02 0-2 ft BGS S-17303-051704-DCR-315 05/17/2004	PAOC 18 MW18-02 3-5 ft BGS S-17303-051704-DCR-316 05/17/2004	PAOC 18 MW18-03 - S-17303-090804-BW-587 09/09/2004	PAOC 18 MW18-03 - S-17303-090804-BW-588 09/09/2004 Duplicate	PAOC 18 PZ18-73 0-2 ft BGS S-17303-052404-DCR-344 05/24/2004	PAOC 18 PZ18-73 5-7 ft BGS S-17303-052404-DCR-345 05/24/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
1,1,2,2-Tetrachloroethane	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
1,1,2-Trichloroethane	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
1,1-Dichloroethane	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
1,1-Dichloroethene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.22 U	0.77 U	0.12 J	0.23 U	0.11 J	0.25 U	-	-	0.28 U	1 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
1,2-Dichlorobenzene	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
1,2-Dichloroethane	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
1,2-Dichloropropane	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
1,4-Dichlorobenzene	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.65 U	2.3 U	0.76 U	0.7 U	0.87 U	0.76 U	-	-	0.85 U	3 U
2-Hexanone	mg/kg	2.2 U	7.7 U	2.5 U	2.3 U	2.9 U	2.5 U	-	-	2.8 U	10 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.2 U	7.7 U	2.5 U	2.3 U	2.9 U	2.5 U	-	-	2.8 U	10 U
Acetone	mg/kg	0.15 J	2.3 U	0.76 U	0.7 U	0.87 U	0.76 U	-	-	0.85 U	3 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
Bromoform	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
Bromomethane (Methyl bromide)	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Carbon disulfide	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Carbon tetrachloride	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Chlorobenzene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Chloroform (Trichloromethane)	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Chloromethane (Methyl chloride)	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
cis-1,2-Dichloroethene	mg/kg	0.044 U	0.29	0.067	0.15	0.058 U	0.05 U	-	-	0.057 U	6 ^e
cis-1,3-Dichloropropene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Cyclohexane	mg/kg	1 U	3.7 U	1.2 U	1.1 U	1.4 U	1.2 U	-	-	1.4 U	4.9 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Methyl acetate	mg/kg	0.059 J	3.7 U	1.2 U	1.1 U	1.4 U	1.2 U	-	-	0.11 J	4.9 U

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW19-18 0-2 ft BGS S-17303-111103-DD-200 11/11/2003	PAOC 18 MW19-18 7.5-9.5 ft BGS S-17303-111103-DD-201 11/11/2003	PAOC 18 MW18-01 0-2 ft BGS S-17303-051704-DCR-317 05/17/2004	PAOC 18 MW18-01 3-5 ft BGS S-17303-051704-DCR-318 05/17/2004	PAOC 18 MW18-02 0-2 ft BGS S-17303-051704-DCR-315 05/17/2004	PAOC 18 MW18-02 3-5 ft BGS S-17303-051704-DCR-316 05/17/2004	PAOC 18 MW18-03 - S-17303-090804-BW-587 09/09/2004	PAOC 18 MW18-03 - S-17303-090804-BW-588 09/09/2004 Duplicate	PAOC 18 PZ18-73 0-2 ft BGS S-17303-052404-DCR-344 05/24/2004	PAOC 18 PZ18-73 5-7 ft BGS S-17303-052404-DCR-345 05/24/2004
	Units										
Methyl cyclohexane	mg/kg	1 U	3.7 U	1.2 U	1.1 U	1.4 U	1.2 U	-	-	1.4 U	4.9 U
Methyl tert butyl ether (MTBE)	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Methylene chloride	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Tetrachloroethene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
Toluene	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
trans-1,2-Dichloroethene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
trans-1,3-Dichloropropene	mg/kg	0.044 U	0.15 U	0.05 U	0.047 U	0.058 U	0.05 U	-	-	0.057 U	0.2 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	1.3 ^e	4.2 ^{ei}	0.39 ^e	0.51 ^e	0.076	0.22 ^e	-	-	0.18 ^e	1.8 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.22 U	0.77 U	0.25 U	0.23 U	0.29 U	0.25 U	-	-	0.28 U	1 U
Vinyl chloride	mg/kg	0.087 U	0.31 U	0.1 U	0.094 U	0.12 U	0.1 U	-	-	0.11 U	0.41 U
Xylenes (total)	mg/kg	0.44 U	1.5 U	0.055 J	0.47 U	0.58 U	0.5 U	-	-	0.57 U	2 U

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	1 U	1 U	-	-
Benzene	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	4.8	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	0.1 U	0.1 U	-	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW19-18 0-2 ft BGS S-17303-111103-DD-200 11/11/2003	PAOC 18 MW19-18 7.5-9.5 ft BGS S-17303-111103-DD-201 11/11/2003	PAOC 18 MW18-01 0-2 ft BGS S-17303-051704-DCR-317 05/17/2004	PAOC 18 MW18-01 3-5 ft BGS S-17303-051704-DCR-318 05/17/2004	PAOC 18 MW18-02 0-2 ft BGS S-17303-051704-DCR-315 05/17/2004	PAOC 18 MW18-02 3-5 ft BGS S-17303-051704-DCR-316 05/17/2004	PAOC 18 MW18-03 - S-17303-090804-BW-587 09/09/2004	PAOC 18 MW18-03 - S-17303-090804-BW-588 09/09/2004 Duplicate	PAOC 18 PZ18-73 0-2 ft BGS S-17303-052404-DCR-344 05/24/2004	PAOC 18 PZ18-73 5-7 ft BGS S-17303-052404-DCR-345 05/24/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2,4,5-Trichlorophenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2,4,6-Trichlorophenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2,4-Dichlorophenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2,4-Dimethylphenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2,4-Dinitrophenol	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
2,4-Dinitrotoluene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2,6-Dinitrotoluene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2-Chloronaphthalene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2-Chlorophenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2-Methylnaphthalene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2-Methylphenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
2-Nitroaniline	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
2-Nitrophenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
3-Nitroaniline	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
4,6-Dinitro-2-methylphenol	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
4-Bromophenyl phenyl ether	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
4-Chloro-3-methylphenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
4-Chloroaniline	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
4-Chlorophenyl phenyl ether	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
4-Methylphenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
4-Nitroaniline	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
4-Nitrophenol	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
Acenaphthene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Acenaphthylene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Acetophenone	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Anthracene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Atrazine	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Benzaldehyde	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Benzo(a)anthracene	mg/kg	0.02 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Benzo(a)pyrene	mg/kg	0.024 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Benzo(b)fluoranthene	mg/kg	0.034 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Benzo(g,h,i)perylene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Benzo(k)fluoranthene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
bis(2-Chloroethoxy)methane	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
bis(2-Chloroethyl)ether	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Butyl benzylphthalate (BBP)	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Caprolactam	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Carbazole	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Chrysene	mg/kg	0.032 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Dibenz(a,h)anthracene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Dibenzofuran	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Diethyl phthalate	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Dimethyl phthalate	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Di-n-butylphthalate (DBP)	mg/kg	0.026 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Di-n-octyl phthalate (DnOP)	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW19-18 0-2 ft BGS S-17303-111103-DD-200 11/11/2003	PAOC 18 MW19-18 7.5-9.5 ft BGS S-17303-111103-DD-201 11/11/2003	PAOC 18 MW18-01 0-2 ft BGS S-17303-051704-DCR-317 05/17/2004	PAOC 18 MW18-01 3-5 ft BGS S-17303-051704-DCR-318 05/17/2004	PAOC 18 MW18-02 0-2 ft BGS S-17303-051704-DCR-315 05/17/2004	PAOC 18 MW18-02 3-5 ft BGS S-17303-051704-DCR-316 05/17/2004	PAOC 18 MW18-03 - S-17303-090804-BW-587 09/09/2004	PAOC 18 MW18-03 - S-17303-090804-BW-588 09/09/2004 Duplicate	PAOC 18 PZ18-73 0-2 ft BGS S-17303-052404-DCR-344 05/24/2004	PAOC 18 PZ18-73 5-7 ft BGS S-17303-052404-DCR-345 05/24/2004
	Units										
Fluoranthene	mg/kg	0.05 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Fluorene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Hexachlorobenzene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Hexachlorobutadiene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Hexachlorocyclopentadiene	mg/kg	1.8 U	1.8 U	39 U	1.8 U	9.3 U	1.9 U	-	-	1.9 U	1.9 U
Hexachloroethane	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Isophorone	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Naphthalene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Nitrobenzene	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
N-Nitrosodi-n-propylamine	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
N-Nitrosodiphenylamine	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Pentachlorophenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Phenanthrene	mg/kg	0.027 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Phenol	mg/kg	0.37 U	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Pyrene	mg/kg	0.039 J	0.38 U	8 U	0.37 U	1.9 U	0.38 U	-	-	0.38 U	0.38 U
Inorganics											
Aluminum	mg/kg	4310	3560	7140 ^{ve}	4620	5620	3070	-	-	4180	1300
Antimony	mg/kg	0.81 J	0.24 J	0.61 UJ	0.57 UJ	0.35 J	0.58 UJ	-	-	3.3 J	0.58 UJ
Arsenic	mg/kg	4.4	1.3	5.3	2.8	3.6	3.0	-	-	2.2	4.9
Barium	mg/kg	32.3	16.7	164	18.1	136	10.4	-	-	35.5	7.9
Beryllium	mg/kg	0.032 J	0.034 J	0.44	0.26	0.34	0.19 J	-	-	0.098 J	0.041 J
Cadmium	mg/kg	0.24	0.22	3.0	0.22	1.5	0.077	-	-	0.64	0.12
Calcium	mg/kg	42200	28100	32300 J	28000 J	15200 J	1040 J	-	-	995	26000
Chromium	mg/kg	10.8	7.1	53.1 J	8.6 J	49.0 J	6.5 J	-	-	18.6 J	3.6 J
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	4.4	4.2	5.0	4.5	4.0	2.7	-	-	2.3	2.7
Copper	mg/kg	11.7	10.1	16.7	10.8	15.2	9.9	-	-	5.1	6.9
Iron	mg/kg	9570	8460	11600	10100	8150	7490	-	-	5260	10400
Lead	mg/kg	10.7	4.5	52.9 J	5.3 J	34.8 J	4.0 J	-	-	24.5 J	1.6 J
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	9440	6180	6370	7610	2190	783	-	-	674	3620
Manganese	mg/kg	251	406	301 J	294 J	109 J	113 J	-	-	98.2 J	210 J
Mercury	mg/kg	0.026 J	0.11 U	0.079 J	0.0067 J	0.061 J	0.0097 J	-	-	0.030 J	0.0069 J
Nickel	mg/kg	11.0	10.7	13.1	12.3	9.9	9.3	-	-	4.4	5.6
Potassium	mg/kg	724	472 J	814	815	510 J	351 J	-	-	205 J	203 J
Selenium	mg/kg	0.23 U	0.23 U	1.3 st	0.23 U	0.89 st	0.16 J	-	-	0.25	0.13 J
Silver	mg/kg	0.57 U	0.57 U	0.87	0.57 U	0.66	0.58 U	-	-	0.58 U	0.58 U
Sodium	mg/kg	51.5 J	43.9 J	121 U	99.0 J	117 U	116 U	-	-	116 U	116 U
Thallium	mg/kg	0.22	0.14	0.36 U	0.16 U	0.23 U	0.12 U	-	-	0.058 J	0.038 J
Vanadium	mg/kg	12.2	10.2	19.9	13.4	16.4	11.6	-	-	9.1	6.9
Zinc	mg/kg	36.7	27.8	145 J	32.1 J	82.1 J	23.4 J	-	-	47.9 J	18.4 J
Cyanide (total)	mg/kg	0.23 U	0.23 U	2.6 ⁱ	0.23 U	1.1 U	0.23 U	-	-	0.23 U	0.23 U
TCCLP Metals											

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		MW19-18	MW19-18	MW18-01	MW18-01	MW18-02	MW18-02	MW18-03	MW18-03	PZ18-73	PZ18-73
Sample Depth:		0-2 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	3-5 ft BGS	0-2 ft BGS	3-5 ft BGS	-	-	0-2 ft BGS	5-7 ft BGS
Sample ID:		S-17303-111103-DD-200	S-17303-111103-DD-201	S-17303-051704-DCR-317	S-17303-051704-DCR-318	S-17303-051704-DCR-315	S-17303-051704-DCR-316	S-17303-090804-BW-587	S-17303-090804-BW-588	S-17303-052404-DCR-344	S-17303-052404-DCR-345
Sample Date:		11/11/2003	11/11/2003	05/17/2004	05/17/2004	05/17/2004	05/17/2004	09/09/2004	09/09/2004	05/24/2004	05/24/2004
Sample Type:									Duplicate		
Parameter:		Units									
Arsenic		mg/L	-	-	-	-	-	0.13	0.12	-	-
Barium		mg/L	-	-	-	-	-	0.39	1.00	-	-
Cadmium		mg/L	-	-	-	-	-	0.011	0.005 U	-	-
Chromium		mg/L	-	-	-	-	-	0.05 U	0.05 U	-	-
Copper		mg/L	-	-	-	-	-	0.05 U	0.05 U	-	-
Lead		mg/L	-	-	-	-	-	0.15	0.03 U	-	-
Mercury		mg/L	-	-	-	-	-	0.0002 U	0.0002 U	-	-
Selenium		mg/L	-	-	-	-	-	0.05 U	0.05 U	-	-
Silver		mg/L	-	-	-	-	-	0.005 U	0.005 U	-	-
Zinc		mg/L	-	-	-	-	-	0.52	0.12	-	-
PCBs											
Aroclor-1016 (PCB-1016)		mg/kg	0.37 U	0.38 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.38 U
Aroclor-1221 (PCB-1221)		mg/kg	0.37 U	0.38 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.38 U
Aroclor-1232 (PCB-1232)		mg/kg	0.37 U	0.38 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.38 U
Aroclor-1242 (PCB-1242)		mg/kg	0.37 U	0.38 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.38 U
Aroclor-1248 (PCB-1248)		mg/kg	0.37 U	0.38 U	1.9	0.37 U	0.39 U	0.38 U	100 U	6 U	0.38 U
Aroclor-1254 (PCB-1254)		mg/kg	0.053 J	0.38 U	0.4 U	0.37 U	1.6	0.38 U	100 U	6 U	0.38 U
Aroclor-1260 (PCB-1260)		mg/kg	0.37 U	0.38 U	1.3	0.37 U	0.39 U	0.38 U	648 ^d	44 ^d	0.12 J
Total PCBs		mg/kg	0.053 J	0.38 U	3.2	0.37 U	1.6	0.38 U	648 ^d	44 ^d	0.12 J
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-87 0-2 ft BGS S-17303-082404-BW-413 08/24/2004	PAOC 18 PZ18-96 0-2.5 ft BGS S-17303-082504-BW-440 08/25/2004	PAOC 18 PZ18-96 2.5-5 ft BGS S-17303-082504-BW-441 08/25/2004	PAOC 18 PZ18-96 8-8 ft BGS S-17303-082504-BW-442 08/25/2004	PAOC 18 PZ18-97 0-3 ft BGS S-17303-082504-BW-443 08/25/2004	PAOC 18 PZ18-97 3-6 ft BGS S-17303-082504-BW-444 08/25/2004	PAOC 18 PZ18-102 0.8-0.8 ft BGS S-17303-082504-BW-453 08/25/2004	PAOC 18 PZ18-102 6-6 ft BGS S-17303-082504-BW-454 08/25/2004	PAOC 18 PZ18-126 10-12.5 ft BGS S-17303-090204-BW-563 09/02/2004	PAOC 18 PZ18-126 12.5-15 ft BGS S-17303-090204-BW-564 09/02/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	7.45 ^e	0.08	0.04 J	630 ^{bcfi}	51.3 ^{efi}	0.33	229 ^{cefi}	0.03 J	368 ^{cefi}	96 ^{efi}
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.05 U	0.05 U	30 ^{ei}	0.5 U	0.05 U	5 U	0.05 U	14 ^{ei}	5 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

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	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	0.3 U	0.3 U	50 U	3 U	0.3 U	30 U	0.3 U	30 U	30 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.05 U	0.05 U	50 ^e	0.5 U	0.05 U	5 U	0.05 U	25 ^e	5 U
p-Xylene	mg/kg	0.1 U	0.1 U	0.1 U	150 ^e	1 U	0.1 U	10 U	0.1 U	80 ^e	3 J
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.02 J	0.05 U	0.05 U	90 ^{ei}	0.2 J	0.05 U	2 J	0.05 U	15 ⁱ	2 J
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.06	0.12 ^e	0.08	10 U	3.2 ^e	0.03 J	5 U	0.05 U	19 ^{ei}	583 ^{bcd efhij}
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.44 ^{ei}	0.05 U	0.05 U	80 ^{cdefhi}	3.0 ^{efi}	0.05 U	11 ^{efi}	0.05 U	5 U	5 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-

SVOCs

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2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-87 0-2 ft BGS S-17303-082404-BW-413 08/24/2004	PAOC 18 PZ18-96 0-2.5 ft BGS S-17303-082504-BW-440 08/25/2004	PAOC 18 PZ18-96 2.5-5 ft BGS S-17303-082504-BW-441 08/25/2004	PAOC 18 PZ18-96 8-8 ft BGS S-17303-082504-BW-442 08/25/2004	PAOC 18 PZ18-97 0-3 ft BGS S-17303-082504-BW-443 08/25/2004	PAOC 18 PZ18-97 3-6 ft BGS S-17303-082504-BW-444 08/25/2004	PAOC 18 PZ18-102 0.8-0.8 ft BGS S-17303-082504-BW-453 08/25/2004	PAOC 18 PZ18-102 6-6 ft BGS S-17303-082504-BW-454 08/25/2004	PAOC 18 PZ18-126 10-12.5 ft BGS S-17303-090204-BW-563 09/02/2004	PAOC 18 PZ18-126 12.5-15 ft BGS S-17303-090204-BW-564 09/02/2004
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-87 0-2 ft BGS S-17303-082404-BW-413 08/24/2004	PAOC 18 PZ18-96 0-2.5 ft BGS S-17303-082504-BW-440 08/25/2004	PAOC 18 PZ18-96 2.5-5 ft BGS S-17303-082504-BW-441 08/25/2004	PAOC 18 PZ18-96 8-8 ft BGS S-17303-082504-BW-442 08/25/2004	PAOC 18 PZ18-97 0-3 ft BGS S-17303-082504-BW-443 08/25/2004	PAOC 18 PZ18-97 3-6 ft BGS S-17303-082504-BW-444 08/25/2004	PAOC 18 PZ18-102 0.8-0.8 ft BGS S-17303-082504-BW-453 08/25/2004	PAOC 18 PZ18-102 6-6 ft BGS S-17303-082504-BW-454 08/25/2004	PAOC 18 PZ18-126 10-12.5 ft BGS S-17303-090204-BW-563 09/02/2004	PAOC 18 PZ18-126 12.5-15 ft BGS S-17303-090204-BW-564 09/02/2004
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	10 U	1 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	10 U	1 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	10 U	1 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	10 U	1 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	10 U	1 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	10 U	1 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.8	0.33 U	0.33 U	0.01 J	0.33 U	82 ^d	11.5
Total PCBs	mg/kg	0.33 U	0.33 U	0.33 U	0.8	0.33 U	0.33 U	0.01 J	0.33 U	82 ^d	11.5
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-127 10-12.5 ft BGS S-17303-090204-BW-569 09/02/2004	PAOC 18 PZ18-127 12.5-15 ft BGS S-17303-090204-BW-570 09/02/2004	PAOC 18 PZ18-127 15-17.5 ft BGS S-17303-090204-BW-571 09/02/2004	PAOC 18 PZ18-127 17.5-20 ft BGS S-17303-090204-BW-572 09/02/2004	PAOC 18 PZ18-128 2.5-5 ft BGS S-17303-090204-BW-574 09/02/2004	PAOC 18 PZ18-128 5-7.5 ft BGS S-17303-090204-BW-575 09/02/2004	PAOC 18 PZ18-128 7.5-10 ft BGS S-17303-090204-BW-576 09/02/2004	PAOC 18 PZ18-128 10-12.5 ft BGS S-17303-090204-BW-577 09/02/2004	PAOC 18 PZ18-128 12.5-15 ft BGS S-17303-090204-BW-578 09/02/2004	PAOC 18 PZ18-128 15-17.5 ft BGS S-17303-090204-BW-579 09/02/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	300 ^{cefi}	565 ^{bcefi}	39.2 ^{ei}	0.02 J	18.4 ^{ei}	64.3 ^{efi}	20 ^{ei}	23 ^{ei}	0.35	0.14
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	36 ^J ^{ei}	17 ^{ei}	0.5 U	0.05 U	0.5 U	2.6 ^{ei}	40 ^{ei}	47 ^{ei}	0.03 J	0.04 J
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		PZ18-127	PZ18-127	PZ18-127	PZ18-127	PZ18-128	PZ18-128	PZ18-128	PZ18-128	PZ18-128	PZ18-128
Sample Depth:		10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS
Sample ID:		S-17303-090204-BW-569	S-17303-090204-BW-570	S-17303-090204-BW-571	S-17303-090204-BW-572	S-17303-090204-BW-574	S-17303-090204-BW-575	S-17303-090204-BW-576	S-17303-090204-BW-577	S-17303-090204-BW-578	S-17303-090204-BW-579
Sample Date:		09/02/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004
Sample Type:											
Parameter:	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	500 U	30 U	3 U	0.3 U	3 U	3 U	50 U	30 U	0.3 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	57 J ^e	32 ^e	0.5 U	0.05 U	0.2 J	7.3 ^e	60 ^e	27 ^e	0.03 J	0.07
p-Xylene	mg/kg	200 ^{defhj}	100 ^e	0.9 J	0.1 U	0.4 J	17 ^e	310 ^{defhj}	330 ^{defhj}	0.06 J	0.10 J
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	54 J ^{ei}	11 ⁱ	0.5 U	0.05 U	0.3 J	1.6	20 ^{ei}	22 ^{ei}	0.04 J	0.04 J
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	14700 ^{bcddefhij}	867 ^{bcddefhij}	7.0 ^{ei}	0.23 ^e	13.1 ^{ei}	36.3 ^{ei}	7 J ^{ei}	2 J ^e	0.04 J	0.07
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	100 U	5 U	1.8 ^{ei}	2.85 ^{efi}	0.5 U	0.5 U	10 U	13 ^{efi}	3.28 ^{efi}	4.61 ^{efi}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-127 10-12.5 ft BGS S-17303-090204-BW-569 09/02/2004	PAOC 18 PZ18-127 12.5-15 ft BGS S-17303-090204-BW-570 09/02/2004	PAOC 18 PZ18-127 15-17.5 ft BGS S-17303-090204-BW-571 09/02/2004	PAOC 18 PZ18-127 17.5-20 ft BGS S-17303-090204-BW-572 09/02/2004	PAOC 18 PZ18-128 2.5-5 ft BGS S-17303-090204-BW-574 09/02/2004	PAOC 18 PZ18-128 5-7.5 ft BGS S-17303-090204-BW-575 09/02/2004	PAOC 18 PZ18-128 7.5-10 ft BGS S-17303-090204-BW-576 09/02/2004	PAOC 18 PZ18-128 10-12.5 ft BGS S-17303-090204-BW-577 09/02/2004	PAOC 18 PZ18-128 12.5-15 ft BGS S-17303-090204-BW-578 09/02/2004	PAOC 18 PZ18-128 15-17.5 ft BGS S-17303-090204-BW-579 09/02/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-127 10-12.5 ft BGS S-17303-090204-BW-569 09/02/2004	PAOC 18 PZ18-127 12.5-15 ft BGS S-17303-090204-BW-570 09/02/2004	PAOC 18 PZ18-127 15-17.5 ft BGS S-17303-090204-BW-571 09/02/2004	PAOC 18 PZ18-127 17.5-20 ft BGS S-17303-090204-BW-572 09/02/2004	PAOC 18 PZ18-128 2.5-5 ft BGS S-17303-090204-BW-574 09/02/2004	PAOC 18 PZ18-128 5-7.5 ft BGS S-17303-090204-BW-575 09/02/2004	PAOC 18 PZ18-128 7.5-10 ft BGS S-17303-090204-BW-576 09/02/2004	PAOC 18 PZ18-128 10-12.5 ft BGS S-17303-090204-BW-577 09/02/2004	PAOC 18 PZ18-128 12.5-15 ft BGS S-17303-090204-BW-578 09/02/2004	PAOC 18 PZ18-128 15-17.5 ft BGS S-17303-090204-BW-579 09/02/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-127 10-12.5 ft BGS S-17303-090204-BW-569 09/02/2004	PAOC 18 PZ18-127 12.5-15 ft BGS S-17303-090204-BW-570 09/02/2004	PAOC 18 PZ18-127 15-17.5 ft BGS S-17303-090204-BW-571 09/02/2004	PAOC 18 PZ18-127 17.5-20 ft BGS S-17303-090204-BW-572 09/02/2004	PAOC 18 PZ18-128 2.5-5 ft BGS S-17303-090204-BW-574 09/02/2004	PAOC 18 PZ18-128 5-7.5 ft BGS S-17303-090204-BW-575 09/02/2004	PAOC 18 PZ18-128 7.5-10 ft BGS S-17303-090204-BW-576 09/02/2004	PAOC 18 PZ18-128 10-12.5 ft BGS S-17303-090204-BW-577 09/02/2004	PAOC 18 PZ18-128 12.5-15 ft BGS S-17303-090204-BW-578 09/02/2004	PAOC 18 PZ18-128 15-17.5 ft BGS S-17303-090204-BW-579 09/02/2004
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	25 U	10 U	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	25 U	10 U	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	25 U	10 U	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	25 U	10 U	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	25 U	10 U	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	25 U	10 U	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	158 ^d	110 ^d	116 ^d	0.1 J	0.07 J	4.8	0.4	1	2	0.9
Total PCBs	mg/kg	158 ^d	110 ^d	116 ^d	0.1 J	0.07 J	4.8	0.4	1	2	0.9
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-128 17.5-20 ft BGS S-17303-090204-BW-580 09/02/2004	PAOC 18 SB18-61A 0-2.2 ft BGS S-17303-082304-BW-402 08/23/2004	PAOC 18 SB18-61A 2-2 ft BGS S-17303-083104-BW-515 08/31/2004	PAOC 18 SB18-61A 6-6 ft BGS S-17303-083104-BW-516 08/31/2004	PAOC 18 SB18-62A 0-2.5 ft BGS S-17303-082304-BW-401 08/23/2004	PAOC 18 SB18-65 0-2 ft BGS S-17303-051904-DCR-339 05/19/2004	PAOC 18 SB18-65 9-11 ft BGS S-17303-051904-DCR-340 05/19/2004	PAOC 18 SB18-66 0-2 ft BGS S-17303-051904-DCR-337 05/19/2004	PAOC 18 SB18-66 8-10 ft BGS S-17303-051904-DCR-338 05/19/2004	PAOC 18 SB18-67 0-2 ft BGS S-17303-051904-DCR-335 05/19/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
1,1-Dichloroethane	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
1,1-Dichloroethene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
1,2-Dichloroethane	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	4.6 U	7.2 U	0.77 U	7.5 U	0.79 U
2-Hexanone	mg/kg	-	-	-	-	-	15 U	24 U	2.6 U	25 U	2.6 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	15 U	24 U	2.6 U	25 U	2.6 U
Acetone	mg/kg	-	-	-	-	-	4.6 U	7.2 U	0.77 U	7.5 U	0.79 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.25 J ^e	0.052 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
Bromoform	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
Carbon disulfide	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
Carbon tetrachloride	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
Chlorobenzene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U	0.26 U
cis-1,2-Dichloroethene	mg/kg	0.05 U	46 ^{efi}	265 ^{cefi}	0.05 U	0.05 U	0.19 J	0.6	0.027 J	0.5 U	0.03 J
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
Cyclohexane	mg/kg	-	-	-	-	-	7.4 U	12 U	1.2 U	8.2 J	1.3 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U	0.052 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U	0.1 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.8 J ⁱ	5 U	0.05 U	0.05 U	0.31 U	0.48 U	0.051 U	18 ^{ei}	0.052 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	13 ⁱ	0.26 U
Methyl acetate	mg/kg	-	-	-	-	-	7.4 U	12 U	1.2 U	12 U	1.3 U

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		PZ18-128	SB18-61A	SB18-61A	SB18-61A	SB18-62A	SB18-65	SB18-65	SB18-66	SB18-67
Sample Depth:		17.5-20 ft BGS	0-2.2 ft BGS	2-2 ft BGS	6-6 ft BGS	0-2.5 ft BGS	0-2 ft BGS	9-11 ft BGS	0-2 ft BGS	0-2 ft BGS
Sample ID:		S-17303-090204-BW-580	S-17303-082304-BW-402	S-17303-083104-BW-515	S-17303-083104-BW-516	S-17303-082304-BW-401	S-17303-051904-DCR-339	S-17303-051904-DCR-340	S-17303-051904-DCR-337	S-17303-051904-DCR-338
Sample Date:		09/02/2004	08/23/2004	08/31/2004	08/31/2004	08/23/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004
Sample Type:										
Parameter:		Units								
Methyl cyclohexane	mg/kg	-	-	-	-	-	7.4 U	12 U	1.2 U	24
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U
Methylene chloride	mg/kg	0.3 U	5 U	30 U	0.3 U	0.3 U	0.36 J ^e	0.6 J ^e	0.26 U	2.5 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	1	5 U	0.05 U	0.05 U	-	-	-	-
p-Xylene	mg/kg	0.1 U	3	10 U	0.1 U	0.1 U	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U
Tetrachloroethene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U
Toluene	mg/kg	0.05 U	2	5 U	0.05 U	0.05 U	0.62 U	0.96 U	0.1 U	1.4
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	0.31 U	0.48 U	0.051 U	0.5 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.02 J	0.2 J ^e	5 U	0.05 U	0.05 U	11 ^{ei}	19 ^{ei}	0.24 ^e	0.24 J ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	0.62 U	0.96 U	0.1 U	1 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	1.5 U	2.4 U	0.26 U	2.5 U
Vinyl chloride	mg/kg	0.05 U	18 ^{efi}	36 ^{cdefhi}	0.05 U	0.05 U	0.62 U	0.96 U	0.1 U	0.85 J ^{ei}
Xylenes (total)	mg/kg	-	-	-	-	-	3.1 U	4.8 U	0.51 U	16 ^{ei}

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-128 17.5-20 ft BGS S-17303-090204-BW-580 09/02/2004	PAOC 18 SB18-61A 0-2.2 ft BGS S-17303-082304-BW-402 08/23/2004	PAOC 18 SB18-61A 2-2 ft BGS S-17303-083104-BW-515 08/31/2004	PAOC 18 SB18-61A 6-6 ft BGS S-17303-083104-BW-516 08/31/2004	PAOC 18 SB18-62A 0-2.5 ft BGS S-17303-082304-BW-401 08/23/2004	PAOC 18 SB18-65 0-2 ft BGS S-17303-051904-DCR-339 05/19/2004	PAOC 18 SB18-65 9-11 ft BGS S-17303-051904-DCR-340 05/19/2004	PAOC 18 SB18-66 0-2 ft BGS S-17303-051904-DCR-337 05/19/2004	PAOC 18 SB18-66 8-10 ft BGS S-17303-051904-DCR-338 05/19/2004	PAOC 18 SB18-67 0-2 ft BGS S-17303-051904-DCR-335 05/19/2004
	Units										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2-Chloronaphthalene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2-Chlorophenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2-Methylnaphthalene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.12 J	12 ⁱ	0.35 U
2-Methylphenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
2-Nitroaniline	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
2-Nitrophenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
3-Nitroaniline	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
4-Chloroaniline	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
4-Methylphenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
4-Nitroaniline	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
4-Nitrophenol	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
Acenaphthene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	1.3 J	0.35 U
Acenaphthylene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Acetophenone	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Anthracene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.086 J	1.3 J	0.35 U
Atrazine	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Benzaldehyde	mg/kg	-	-	-	-	-	0.029 J	0.37 U	0.36 U	7.9 U	0.35 U
Benzo(a)anthracene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.35 J	0.79 J	0.35 U
Benzo(a)pyrene	mg/kg	-	-	-	-	-	0.041 J	0.37 U	0.35 J	0.54 J	0.35 U
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	0.067 J	0.37 U	0.47	0.74 J	0.016 J
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	0.1 J	0.37 U	0.25 J	7.9 U	0.35 U
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.19 J	7.9 U	0.35 U
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	1.3 J	0.35 U
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.033 J	7.9 U	0.13 J
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Caprolactam	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Carbazole	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.03 J	0.48 J	0.35 U
Chrysene	mg/kg	-	-	-	-	-	0.035 J	0.37 U	0.44	1 J	0.35 U
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.079 J	7.9 U	0.35 U
Dibenzofuran	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.037 J	0.96 J	0.35 U
Diethyl phthalate	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	2.5 J	0.35 U
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-128 17.5-20 ft BGS S-17303-090204-BW-580 09/02/2004	PAOC 18 SB18-61A 0-2.2 ft BGS S-17303-082304-BW-402 08/23/2004	PAOC 18 SB18-61A 2-2 ft BGS S-17303-083104-BW-515 08/31/2004	PAOC 18 SB18-61A 6-6 ft BGS S-17303-083104-BW-516 08/31/2004	PAOC 18 SB18-62A 0-2.5 ft BGS S-17303-082304-BW-401 08/23/2004	PAOC 18 SB18-65 0-2 ft BGS S-17303-051904-DCR-339 05/19/2004	PAOC 18 SB18-65 9-11 ft BGS S-17303-051904-DCR-340 05/19/2004	PAOC 18 SB18-66 0-2 ft BGS S-17303-051904-DCR-337 05/19/2004	PAOC 18 SB18-66 8-10 ft BGS S-17303-051904-DCR-338 05/19/2004	PAOC 18 SB18-67 0-2 ft BGS S-17303-051904-DCR-335 05/19/2004
	Units										
Fluoranthene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.97	2.9 J	0.35 U
Fluorene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	1.8 J	0.35 U
Hexachlorobenzene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Hexachlorobutadiene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	1.8 U	1.8 U	1.7 U	38 U	1.7 U
Hexachloroethane	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	0.053 J	0.37 U	0.22 J	7.9 U	0.35 U
Isophorone	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Naphthalene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.06 J	9.3 ⁱ	0.35 U
Nitrobenzene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Pentachlorophenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Phenanthrene	mg/kg	-	-	-	-	-	0.018 J	0.37 U	0.55	5.9 J ⁱ	0.35 U
Phenol	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.36 U	7.9 U	0.35 U
Pyrene	mg/kg	-	-	-	-	-	0.38 U	0.37 U	0.68	1.8 J	0.35 U
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	3960	2440	4350	2600	2900
Antimony	mg/kg	-	-	-	-	-	0.57 UJ	0.56 UJ	0.55 UJ	1.5 J	0.53 UJ
Arsenic	mg/kg	-	-	-	-	-	4.1	1.2	1.6	2.7	2.1
Barium	mg/kg	-	-	-	-	-	42.1 J	11.7 J	37.7 J	418 J	20.8 J
Beryllium	mg/kg	-	-	-	-	-	0.18 J	0.098 J	0.13 J	0.099 J	0.094 J
Cadmium	mg/kg	-	-	-	-	-	0.63 J	0.075 J	0.17 J	3.6 J	0.22 J
Calcium	mg/kg	-	-	-	-	-	50200	42000	46300	4150	1030
Chromium	mg/kg	-	-	-	-	-	7.8 J	5.1 J	7.0 J	91.2 J	4.8 J
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	4.2	4.3	2.4	6.4	1.9
Copper	mg/kg	-	-	-	-	-	9.7 J	7.7 J	4.4 J	16.9 J	3.1 J
Iron	mg/kg	-	-	-	-	-	8570	4590	6530	5560	4310
Lead	mg/kg	-	-	-	-	-	11.1 J	3.1 J	11.6 J	227 J	4.4 J
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	13100	10600	17800	1190	722
Manganese	mg/kg	-	-	-	-	-	233 J	131 J	122 J	56.9 J	61.7 J
Mercury	mg/kg	-	-	-	-	-	0.017 J	0.011 J	0.018 J	0.021 J	0.035 J
Nickel	mg/kg	-	-	-	-	-	10.3	8.1	5.5	8.2	3.9
Potassium	mg/kg	-	-	-	-	-	800	427 J	268 J	251 J	172 J
Selenium	mg/kg	-	-	-	-	-	0.24 J	0.26 J	0.22 UJ	0.86 J ^{xi}	0.16 J
Silver	mg/kg	-	-	-	-	-	0.57 U	0.56 U	0.55 U	0.60 U	0.53 U
Sodium	mg/kg	-	-	-	-	-	114 U	112 U	109 U	119 U	107 U
Thallium	mg/kg	-	-	-	-	-	0.19	0.090 J	0.071 J	0.12 U	0.065 J
Vanadium	mg/kg	-	-	-	-	-	11.3	8.3	10.5	7.6	6.8
Zinc	mg/kg	-	-	-	-	-	34.2	19.3	22.1	316	14.2
Cyanide (total)	mg/kg	-	-	-	-	-	0.23 U	0.22 U	0.22 U	0.24 U	0.21 U
TCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	1 U	0.33 U	0.33 U	0.33 U	0.38 U	0.037 U	0.36 U	0.39 U	0.35 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	1 U	0.33 U	0.33 U	0.33 U	0.38 U	0.037 U	0.36 U	0.39 U	0.35 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	1 U	0.33 U	0.33 U	0.33 U	0.38 U	0.037 U	0.36 U	0.39 U	0.35 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	2	0.33 U	0.33 U	0.33 U	0.38 U	0.037 U	0.36 U	0.39 U	0.35 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	1 U	0.33 U	0.33 U	0.33 U	0.38 U	0.037 U	0.36 U	0.39 U	0.35 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	3	0.33 U	0.33 U	0.33 U	0.38 U	0.037 U	0.36 U	0.39 U	0.35 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.7 J	0.1 J	0.33 U	0.33 U	0.38 U	0.037 U	0.013 J	0.49	0.018 J
Total PCBs	mg/kg	0.33 U	5.7 J	0.1 J	0.33 U	0.33 U	0.38 U	0.037 U	0.013 J	0.49	0.018 J
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background level:
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-67	SB18-68	SB18-68	SB18-69	SB18-69	SB18-70	SB18-70	SB18-70	SB18-71
Sample Depth:		6-8 ft BGS	0-2 ft BGS	9-11 ft BGS	0-2 ft BGS	4-6 ft BGS	0-2 ft BGS	10-12 ft BGS	5-6 ft BGS	0-2 ft BGS
Sample ID:		S-17303-051904-DCR-336	S-17303-051904-DCR-333	S-17303-051904-DCR-334	S-17303-051904-DCR-331	S-17303-051904-DCR-332	S-17303-051904-DCR-328	S-17303-051904-DCR-329	S-17303-051904-DCR-330	S-17303-052404-DCR-348
Sample Date:		05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/24/2004
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
1,1,2,2-Tetrachloroethane	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
1,1,2-Trichloroethane	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
1,1-Dichloroethane	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
1,1-Dichloroethene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3 U	0.26 U	110 U	0.029 J	0.26 U	0.97 U	5.6 U	2600 U	1 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
1,2-Dichlorobenzene	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
1,2-Dichloroethane	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	190 J ^{bcefi}	0.2 U
1,2-Dichloropropane	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
1,4-Dichlorobenzene	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.89 U	0.79 U	330 U	0.73 U	0.78 U	2.9 U	17 U	7700 U	3.1 U
2-Hexanone	mg/kg	3 U	2.6 U	1100 U	2.4 U	2.6 U	9.7 U	56 U	26000 U	10 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	3 U	2.6 U	1100 U	2.4 U	2.6 U	9.7 U	56 U	26000 U	10 U
Acetone	mg/kg	0.89 U	0.79 U	330 U	0.73 U	0.78 U	2.9 U	17 U	7700 U	3.1 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
Bromoform	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
Bromomethane (Methyl bromide)	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
Carbon disulfide	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
Carbon tetrachloride	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Chlorobenzene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
Chloroform (Trichloromethane)	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Chloromethane (Methyl chloride)	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
cis-1,2-Dichloroethene	mg/kg	0.057 J	0.32	660 ^{bcdethij}	0.049 U	0.052 U	0.19 U	34 ^{ei}	350 J ^{cefi}	5.6 ^e
cis-1,3-Dichloropropene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Cyclohexane	mg/kg	1.4 U	1.3 U	530 U	1.2 U	1.3 U	0.13 J	27 U	12000 U	4.9 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.059 U	0.053 U	21 J ^{ei}	0.049 U	0.052 U	5.4 ^{ei}	1.1 U	330 J ^{defhij}	0.2 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.3 U	0.26 U	10 J ⁱ	0.24 U	0.26 U	1.5	5.6 U	2600 U	1 U
Methyl acetate	mg/kg	1.4 U	1.3 U	530 U	1.2 U	1.3 U	4.6 U	27 U	12000 U	4.9 U

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-67	SB18-68	SB18-68	SB18-69	SB18-69	SB18-70	SB18-70	SB18-70	SB18-71
Sample Depth:		6-8 ft BGS	0-2 ft BGS	9-11 ft BGS	0-2 ft BGS	4-6 ft BGS	0-2 ft BGS	10-12 ft BGS	5-6 ft BGS	0-2 ft BGS
Sample ID:		S-17303-051904-DCR-336	S-17303-051904-DCR-333	S-17303-051904-DCR-334	S-17303-051904-DCR-331	S-17303-051904-DCR-332	S-17303-051904-DCR-328	S-17303-051904-DCR-329	S-17303-051904-DCR-330	S-17303-052404-DCR-348
Sample Date:		05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/24/2004
Sample Type:										
Parameter:	Units									
Methyl cyclohexane	mg/kg	1.4 U	1.3 U	530 U	1.2 U	1.3 U	1.5 J	27 U	12000 U	4.9 U
Methyl tert butyl ether (MTBE)	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
Methylene chloride	mg/kg	0.075 J	0.26 U	30 J ^e	0.24 U	0.26 U	0.27 J ^e	1.5 J ^e	760 J ^{cefi}	1 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Tetrachloroethene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
Toluene	mg/kg	0.12 U	0.11 U	9.3 J ⁱ	0.098 U	0.1 U	0.078 J	2.2 U	320 J ^{defhij}	0.41 U
trans-1,2-Dichloroethene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.53
trans-1,3-Dichloropropene	mg/kg	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	1.1 U	510 U	0.2 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	1.3 ^e	1.6 ^e	460 ^{bcefh}	0.058	0.064	0.19 U	28 ^{ei}	12000 ^{bcddefhij}	1.1 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	5.6 U	2600 U	1 U
Vinyl chloride	mg/kg	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	2.2 U	1000 U	0.41 U
Xylenes (total)	mg/kg	0.59 U	0.53 U	140 J ^{ei}	0.49 U	0.52 U	13 ^{ei}	11 U	2100 J ^{defhij}	2 U

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-

SVOCs

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-67	SB18-68	SB18-68	SB18-69	SB18-69	SB18-70	SB18-70	SB18-70	SB18-71
Sample Depth:		6-8 ft BGS	0-2 ft BGS	9-11 ft BGS	0-2 ft BGS	4-6 ft BGS	0-2 ft BGS	10-12 ft BGS	5-6 ft BGS	0-2 ft BGS
Sample ID:		S-17303-051904-DCR-336	S-17303-051904-DCR-333	S-17303-051904-DCR-334	S-17303-051904-DCR-331	S-17303-051904-DCR-332	S-17303-051904-DCR-328	S-17303-051904-DCR-329	S-17303-051904-DCR-330	S-17303-052404-DCR-348
Sample Date:		05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/24/2004
Sample Type:										
Parameter:		Units								
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2,4,5-Trichlorophenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2,4,6-Trichlorophenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2,4-Dichlorophenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2,4-Dimethylphenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	49 J ^{ei}	0.42 U
2,4-Dinitrophenol	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
2,4-Dinitrotoluene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2,6-Dinitrotoluene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2-Chloronaphthalene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2-Chlorophenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2-Methylnaphthalene	mg/kg	0.38 U	0.031 J	0.061 J	0.35 U	0.37 U	2.3	9.2 U	100 J ⁱ	0.42 U
2-Methylphenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
2-Nitroaniline	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
2-Nitrophenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
3-Nitroaniline	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
4,6-Dinitro-2-methylphenol	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
4-Bromophenyl phenyl ether	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
4-Chloro-3-methylphenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
4-Chloroaniline	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
4-Chlorophenyl phenyl ether	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
4-Methylphenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
4-Nitroaniline	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
4-Nitrophenol	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
Acenaphthene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.12 J	9.2 U	110 U	0.42 U
Acenaphthylene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Acetophenone	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Anthracene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.14 J	9.2 U	4.6 J	0.42 U
Atrazine	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Benzaldehyde	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Benzo(a)anthracene	mg/kg	0.38 U	0.044 J	0.39 U	0.35 U	0.37 U	0.34 J	9.2 U	110 U	0.42 U
Benzo(a)pyrene	mg/kg	0.38 U	0.06 J	0.39 U	0.35 U	0.37 U	0.42 J	9.2 U	110 U	0.42 U
Benzo(b)fluoranthene	mg/kg	0.38 U	0.087 J	0.39 U	0.35 U	0.37 U	0.63 J	9.2 U	110 U	0.42 U
Benzo(g,h,i)perylene	mg/kg	0.38 U	0.055 J	0.39 U	0.35 U	0.37 U	0.28 J	9.2 U	110 U	0.42 U
Benzo(k)fluoranthene	mg/kg	0.38 U	0.033 J	0.39 U	0.35 U	0.37 U	0.28 J	9.2 U	110 U	0.42 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.12 J	9.2 U	8.8 J	0.42 U
bis(2-Chloroethoxy)methane	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
bis(2-Chloroethyl)ether	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.38 U	0.36 U	0.024 J	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Butyl benzylphthalate (BBP)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Caprolactam	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Carbazole	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Chrysene	mg/kg	0.38 U	0.053 J	0.39 U	0.35 U	0.37 U	0.46 J	0.61 J	110 U	0.42 U
Dibenz(a,h)anthracene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.11 J	9.2 U	110 U	0.42 U
Dibenzofuran	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Diethyl phthalate	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Dimethyl phthalate	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Di-n-butylphthalate (DBP)	mg/kg	0.38 U	0.36 U	0.051 J	0.35 U	0.37 U	1.4 U	9.2 U	10 J	0.42 U
Di-n-octyl phthalate (DnOP)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U

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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-67 6-8 ft BGS S-17303-051904-DCR-336 05/19/2004	PAOC 18 SB18-68 0-2 ft BGS S-17303-051904-DCR-333 05/19/2004	PAOC 18 SB18-68 9-11 ft BGS S-17303-051904-DCR-334 05/19/2004	PAOC 18 SB18-69 0-2 ft BGS S-17303-051904-DCR-331 05/19/2004	PAOC 18 SB18-69 4-6 ft BGS S-17303-051904-DCR-332 05/19/2004	PAOC 18 SB18-70 0-2 ft BGS S-17303-051904-DCR-328 05/19/2004	PAOC 18 SB18-70 10-12 ft BGS S-17303-051904-DCR-329 05/19/2004	PAOC 18 SB18-70 5-6 ft BGS S-17303-051904-DCR-330 05/19/2004	PAOC 18 SB18-71 0-2 ft BGS S-17303-052404-DCR-348 05/24/2004
	Units									
Fluoranthene	mg/kg	0.044 J	0.072 J	0.39 U	0.35 U	0.37 U	0.8 J	9.2 U	110 U	0.42 U
Fluorene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.16 J	9.2 U	110 U	0.42 U
Hexachlorobenzene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Hexachlorobutadiene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Hexachlorocyclopentadiene	mg/kg	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	44 U	510 U	2 U
Hexachloroethane	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.38 U	0.044 J	0.39 U	0.35 U	0.37 U	0.28 J	9.2 U	110 U	0.42 U
Isophorone	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Naphthalene	mg/kg	0.38 U	0.36 U	0.12 J	0.35 U	0.37 U	1.1 J ⁱ	9.2 U	120 ^{ei}	0.42 U
Nitrobenzene	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
N-Nitrosodi-n-propylamine	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
N-Nitrosodiphenylamine	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Pentachlorophenol	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Phenanthrene	mg/kg	0.081 J	0.36 U	0.39 U	0.35 U	0.37 U	0.55 J	9.2 U	14 J ⁱ	0.42 U
Phenol	mg/kg	0.38 U	0.36 U	0.023 J	0.35 U	0.37 U	1.4 U	9.2 U	110 U	0.42 U
Pyrene	mg/kg	0.026 J	0.062 J	0.39 U	0.35 U	0.37 U	0.64 J	9.2 U	110 U	0.42 U
Inorganics										
Aluminum	mg/kg	4090	2220	2670	3750	4400	3220	3720	3810	10900 ^{xe}
Antimony	mg/kg	0.58 UJ	0.55 UJ	0.59 UJ	1.5 J	0.75 J	1.7 J	0.55 UJ	1490 J ^{dei}	0.63 UJ
Arsenic	mg/kg	2.1	1.2	2.9	2.3	2.9	1.6	3.1	23.9 ^{xei}	3.3
Barium	mg/kg	13.5 J	7.2 J	11.3 J	32.7 J	39.2 J	479 J	13.4 J	6750 J ^{xei}	58.2
Beryllium	mg/kg	0.10 J	0.064 J	0.14 J	0.11 J	0.18 J	0.23	0.15 J	0.36	0.51
Cadmium	mg/kg	0.038 J	0.031 J	0.31 J	0.10 J	1.1 J	20.6 J ^{xei}	0.079 J	292 J ^{xei}	0.33
Calcium	mg/kg	4450	675	21100	572	2180	96900	5330	77600	63700
Chromium	mg/kg	9.0 J	6.8 J	6.1 J	5.6 J	10.6 J	24.0 J	7.3 J	159 J	18.4 J
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	2.3	1.5	2.9	2.0	4.5	2.5	2.8	19.4 ^{xei}	10.7 ^{xei}
Copper	mg/kg	5.7 J	3.4 J	7.2 J	2.9 J	8.4 J	10.6 J	9.1 J	266 J ^{xi}	24.4
Iron	mg/kg	6550	4180	6480	4810	8270	4070	8220	34100 ^{xe}	18700 ^{xe}
Lead	mg/kg	3.3 J	2.1 J	3.4 J	3.7 J	11.2 J	156 J	4.6 J	61300 J ^{xdegi}	10.3 J
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	1840	654	4690	764	1470	52100 ^e	1770	17900	19200
Manganese	mg/kg	106 J	47.3 J	126 J	73.9 J	344 J	127 J	170 J	600 J ^{xei}	409 J
Mercury	mg/kg	0.018 J	0.014 J	0.012 J	0.018 J	0.015 J	0.0053 J	0.0087 J	0.18 ^{xi}	0.027 J
Nickel	mg/kg	6.3	4.0	7.2	4.7	9.9	5.8	8.6	27.4	29.0
Potassium	mg/kg	312 J	236 J	438 J	151 J	396 J	265 J	372 J	439 J	2500
Selenium	mg/kg	0.14 J	0.096 J	0.28 J	0.21 UJ	0.31 J	7.1 J ^{xei}	0.16 J	101 J ^{xei}	0.25 U
Silver	mg/kg	0.58 U	0.55 U	0.59 U	0.53 U	0.57 U	0.22 J	0.55 U	12.0 ^{xi}	0.63 U
Sodium	mg/kg	116 U	110 U	119 U	106 U	113 U	154	111 U	1430	205
Thallium	mg/kg	0.12 U	0.11 U	0.11 J	0.064 J	0.072 J	0.070 J	0.075 J	0.16 U	0.36
Vanadium	mg/kg	11.4	7.7	9.6	7.5	12.7	10.1	11.6	26.7	25.2
Zinc	mg/kg	17.5	10.2	21.0	13.2	39.4	219	32.4	2470 ⁱ	63.3 J
Cyanide (total)	mg/kg	0.23 U	0.22 U	0.24 U	0.21 U	0.23 U	0.22 U	0.22 U	3.2 ⁱ	0.25 U
TCLP Metals										

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-67	SB18-68	SB18-68	SB18-69	SB18-69	SB18-70	SB18-70	SB18-70	SB18-71
Sample Depth:		6-8 ft BGS	0-2 ft BGS	9-11 ft BGS	0-2 ft BGS	4-6 ft BGS	0-2 ft BGS	10-12 ft BGS	5-6 ft BGS	0-2 ft BGS
Sample ID:		S-17303-051904-DCR-336	S-17303-051904-DCR-333	S-17303-051904-DCR-334	S-17303-051904-DCR-331	S-17303-051904-DCR-332	S-17303-051904-DCR-328	S-17303-051904-DCR-329	S-17303-051904-DCR-330	S-17303-052404-DCR-348
Sample Date:		05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/19/2004	05/24/2004
Sample Type:										
Parameter:	Units									
Arsenic	mg/L	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.37 U	0.53 U	0.42 U
Aroclor-1221 (PCB-1221)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.37 U	0.53 U	0.42 U
Aroclor-1232 (PCB-1232)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.37 U	0.53 U	0.42 U
Aroclor-1242 (PCB-1242)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.37 U	0.53 U	0.42 U
Aroclor-1248 (PCB-1248)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.37 U	0.53 U	0.42 U
Aroclor-1254 (PCB-1254)	mg/kg	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.37 U	0.53 U	0.42 U
Aroclor-1260 (PCB-1260)	mg/kg	0.38 U	1.1	0.43	0.35 U	0.37 U	0.28 J	0.37 U	2	0.42 U
Total PCBs	mg/kg	0.38 U	1.1	0.43	0.35 U	0.37 U	0.28 J	0.37 U	2	0.42 U
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-72 0-2 ft BGS S-17303-052404-DCR-346 05/24/2004	PAOC 18 SB18-72 2-4 ft BGS S-17303-052404-DCR-347 05/24/2004	PAOC 18 SB18-74 0-2 ft BGS S-17303-051904-DCR-341 05/19/2004	PAOC 18 SB18-75 0-2 ft BGS S-17303-051904-DCR-342 05/19/2004	PAOC 18 SB18-75 4-5 ft BGS S-17303-051904-DCR-343 05/19/2004	PAOC 18 SB18-76 0-2 ft BGS S-17303-052404-DCR-349 05/24/2004	PAOC 18 SB18-76 10-12 ft BGS S-17303-052404-DCR-350 05/24/2004	PAOC 18 SB18-77 0-2 ft BGS S-17303-052404-DCR-351 05/24/2004	PAOC 18 SB18-77 9-10 ft BGS S-17303-052404-DCR-352 05/24/2004	PAOC 18 SB18-78 0-2.5 ft BGS S-17303-082304-BW-397 08/23/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
1,1,2,2-Tetrachloroethane	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
1,1,2-Trichloroethane	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
1,1-Dichloroethane	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
1,1-Dichloroethene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
1,2-Dichlorobenzene	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
1,2-Dichloroethane	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
1,2-Dichloropropane	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
1,4-Dichlorobenzene	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.84 U	2.5 UJ	41 U	67 U	0.72 U	0.75 U	0.84 U	0.77 U	5.7 U	-
2-Hexanone	mg/kg	2.8 U	8.5 UJ	140 U	220 U	2.4 U	2.5 U	2.8 U	2.6 U	19 U	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.8 U	8.5 UJ	140 U	220 U	2.4 U	2.5 U	2.8 U	2.6 U	19 U	-
Acetone	mg/kg	0.84 U	2.5 UJ	41 U	67 U	0.72 U	0.75 U	0.84 U	0.77 U	5.7 U	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.018 J	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
Bromoform	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
Bromomethane (Methyl bromide)	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
Carbon disulfide	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
Carbon tetrachloride	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Chlorobenzene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
Chloroform (Trichloromethane)	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Chloromethane (Methyl chloride)	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
cis-1,2-Dichloroethene	mg/kg	0.11	0.17 UJ	72 ^{eff}	140 ^{eff}	0.71	0.05 U	0.029 J	0.035 J	1.1	0.05 U
cis-1,3-Dichloropropene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Cyclohexane	mg/kg	0.037 J	4.1 UJ	66 U	110 U	1.2 U	1.2 U	1.3 U	1.2 U	9 U	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.13	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.075 J	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
Methyl acetate	mg/kg	0.15 J	4.1 UJ	66 U	110 U	0.058 J	1.2 U	1.3 U	1.2 U	9 U	-

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-72	SB18-72	SB18-74	SB18-75	SB18-75	SB18-76	SB18-76	SB18-77	SB18-77	SB18-78
Sample Depth:		0-2 ft BGS	2-4 ft BGS	0-2 ft BGS	0-2 ft BGS	4-5 ft BGS	0-2 ft BGS	10-12 ft BGS	0-2 ft BGS	9-10 ft BGS	0-2.5 ft BGS
Sample ID:		S-17303-052404-DCR-346	S-17303-052404-DCR-347	S-17303-051904-DCR-341	S-17303-051904-DCR-342	S-17303-051904-DCR-343	S-17303-052404-DCR-349	S-17303-052404-DCR-350	S-17303-052404-DCR-351	S-17303-052404-DCR-352	S-17303-082304-BW-397
Sample Date:		05/24/2004	05/24/2004	05/19/2004	05/19/2004	05/19/2004	05/24/2004	05/24/2004	05/24/2004	05/24/2004	08/23/2004
Sample Type:											
Parameter:	Units										
Methyl cyclohexane	mg/kg	0.028 J	4.1 UJ	66 U	110 U	1.2 U	1.2 U	1.3 U	1.2 U	9 U	-
Methyl tert butyl ether (MTBE)	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
Methylene chloride	mg/kg	0.28 U	0.85 UJ	3.4 J ^e	5.6 J ^e	0.054 J	0.25 U	0.28 U	0.26 U	1.9 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	0.05 U
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-	0.1 U
Styrene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Tetrachloroethene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
Toluene	mg/kg	0.025 J	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
trans-1,3-Dichloropropene	mg/kg	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U	0.051 U	0.38 U	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.056 U	0.17 UJ	2.7 U	10 ^{ei}	0.048 U	0.064	0.6 ^e	0.55 ^e	13 ^{ei}	0.006 J
Trichlorofluoromethane (CFC-11)	mg/kg	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U	0.1 U	0.75 U	-
Trifluorotrichloroethane (Freon 113)	mg/kg	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U	0.26 U	1.9 U	-
Vinyl chloride	mg/kg	0.11 U	4.1 J ^{efi}	4.5 J ^{efi}	9 U	1.4 ^{ei}	0.1 U	0.11 U	0.1 U	0.75 U	0.05 U
Xylenes (total)	mg/kg	0.51 J	1.7 UJ	27 U	45 U	0.48 U	0.5 U	0.56 U	0.51 U	3.8 U	-

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-72 0-2 ft BGS S-17303-052404-DCR-346 05/24/2004	PAOC 18 SB18-72 2-4 ft BGS S-17303-052404-DCR-347 05/24/2004	PAOC 18 SB18-74 0-2 ft BGS S-17303-051904-DCR-341 05/19/2004	PAOC 18 SB18-75 0-2 ft BGS S-17303-051904-DCR-342 05/19/2004	PAOC 18 SB18-75 4-5 ft BGS S-17303-051904-DCR-343 05/19/2004	PAOC 18 SB18-76 0-2 ft BGS S-17303-052404-DCR-349 05/24/2004	PAOC 18 SB18-76 10-12 ft BGS S-17303-052404-DCR-350 05/24/2004	PAOC 18 SB18-77 0-2 ft BGS S-17303-052404-DCR-351 05/24/2004	PAOC 18 SB18-77 9-10 ft BGS S-17303-052404-DCR-352 05/24/2004	PAOC 18 SB18-78 0-2.5 ft BGS S-17303-082304-BW-397 08/23/2004
	Units										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2,4,5-Trichlorophenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2,4,6-Trichlorophenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2,4-Dichlorophenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2,4-Dimethylphenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2,4-Dinitrophenol	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
2,4-Dinitrotoluene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2,6-Dinitrotoluene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2-Chloronaphthalene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2-Chlorophenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2-Methylnaphthalene	mg/kg	1.5 U	0.39 U	0.018 J	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2-Methylphenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
2-Nitroaniline	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
2-Nitrophenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
3-Nitroaniline	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
4,6-Dinitro-2-methylphenol	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
4-Bromophenyl phenyl ether	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
4-Chloro-3-methylphenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
4-Chloroaniline	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
4-Chlorophenyl phenyl ether	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
4-Methylphenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
4-Nitroaniline	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
4-Nitrophenol	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
Acenaphthene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Acenaphthylene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Acetophenone	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Anthracene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Atrazine	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Benzaldehyde	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Benzo(a)anthracene	mg/kg	1.5 U	0.39 U	0.42 U	0.068 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Benzo(a)pyrene	mg/kg	1.5 U	0.39 U	0.42 U	0.077 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Benzo(b)fluoranthene	mg/kg	1.5 U	0.39 U	0.42 U	0.13 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Benzo(g,h,i)perylene	mg/kg	1.5 U	0.39 U	0.42 U	0.072 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Benzo(k)fluoranthene	mg/kg	1.5 U	0.39 U	0.42 U	0.05 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Biphenyl (1,1-Biphenyl)	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
bis(2-Chloroethoxy)methane	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
bis(2-Chloroethyl)ether	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	1.5 U	0.39 U	0.42 U	0.27 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Butyl benzylphthalate (BBP)	mg/kg	1.5 U	0.39 U	0.42 U	0.043 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Caprolactam	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Carbazole	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Chrysene	mg/kg	1.5 U	0.39 U	0.42 U	0.11 J	0.016 J	0.36 U	0.37 U	0.36 U	0.36 U	-
Dibenz(a,h)anthracene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Dibenzofuran	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Diethyl phthalate	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Dimethyl phthalate	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Di-n-butylphthalate (DBP)	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Di-n-octyl phthalate (DnOP)	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-72 0-2 ft BGS S-17303-052404-DCR-346 05/24/2004	PAOC 18 SB18-72 2-4 ft BGS S-17303-052404-DCR-347 05/24/2004	PAOC 18 SB18-74 0-2 ft BGS S-17303-051904-DCR-341 05/19/2004	PAOC 18 SB18-75 0-2 ft BGS S-17303-051904-DCR-342 05/19/2004	PAOC 18 SB18-75 4-5 ft BGS S-17303-051904-DCR-343 05/19/2004	PAOC 18 SB18-76 0-2 ft BGS S-17303-052404-DCR-349 05/24/2004	PAOC 18 SB18-76 10-12 ft BGS S-17303-052404-DCR-350 05/24/2004	PAOC 18 SB18-77 0-2 ft BGS S-17303-052404-DCR-351 05/24/2004	PAOC 18 SB18-77 9-10 ft BGS S-17303-052404-DCR-352 05/24/2004	PAOC 18 SB18-78 0-2.5 ft BGS S-17303-082304-BW-397 08/23/2004
Fluoranthene	mg/kg	0.092 J	0.39 U	0.42 U	0.22 J	0.4 U	0.36 U	0.022 J	0.36 U	0.36 U	-
Fluorene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Hexachlorobenzene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Hexachlorobutadiene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Hexachlorocyclopentadiene	mg/kg	7.5 U	1.9 U	2 U	1.8 U	1.9 U	1.7 U	1.8 U	1.7 U	1.7 U	-
Hexachloroethane	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Indeno(1,2,3-cd)pyrene	mg/kg	1.5 U	0.39 U	0.42 U	0.058 J	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Isophorone	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Naphthalene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Nitrobenzene	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
N-Nitrosodi-n-propylamine	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
N-Nitrosodiphenylamine	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Pentachlorophenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Phenanthrene	mg/kg	0.071 J	0.39 U	0.022 J	0.1 J	0.4 U	0.36 U	0.025 J	0.36 U	0.36 U	-
Phenol	mg/kg	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	-
Pyrene	mg/kg	0.081 J	0.39 U	0.42 U	0.16 J	0.4 U	0.36 U	0.017 J	0.36 U	0.36 U	-
Inorganics											
Aluminum	mg/kg	7480 ^{xe}	9410 ^{xe}	11900 ^{xe}	5260	10000 ^{xe}	3680	1570	3380	1570	-
Antimony	mg/kg	0.59 UJ	0.59 UJ	0.64 UJ	0.56 UJ	0.60 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.54 UJ	-
Arsenic	mg/kg	3.2	4.7	4.8	3.6	4.3	2.2	2.0	2.1	3.5	-
Barium	mg/kg	53.9	71.3	72.1 J	32.5 J	65.3 J	15.7	6.8	16.3	7.6	-
Beryllium	mg/kg	0.37	0.44	0.55	0.25	0.47	0.098 J	0.043 J	0.11 J	0.080 J	-
Cadmium	mg/kg	0.41	0.23	0.22 J	0.14 J	0.17 J	0.26	0.092	0.080	0.13	-
Calcium	mg/kg	44300	66700	62100	39400	65300 J	664	18600	636	23000	-
Chromium	mg/kg	15.5 J	16.0 J	20.7 J	10.1 J	17.3 J	5.8 J	4.7 J	5.8 J	4.6 J	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	7.2 ^{xei}	8.9 ^{xei}	10.3 ^{xei}	5.2	9.3 ^{xei}	1.9	1.7	2.3	2.0	-
Copper	mg/kg	16.9	22.1	23.9 J	11.6 J	21.2 J	3.2 U	4.3	4.1	8.0	-
Iron	mg/kg	14700 ^{xe}	18000 ^{xe}	22100 ^{xe}	10600	19300 ^{xe}	5330	5060	5260	7020	-
Lead	mg/kg	9.3 J	8.9 J	9.5 J	6.8 J	9.3 J	4.0 J	4.0 J	7.0 J	2.3 J	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	12400	17600	16700	9500	17600	808	3460	839	4420	-
Manganese	mg/kg	311 J	420 J	417 J	266 J	430 J	72.4 J	125 J	79.6 J	197 J	-
Mercury	mg/kg	0.026 J	0.019 J	0.024 J	0.015 J	0.023 J	0.013 J	0.018 J	0.023 J	0.0095 J	-
Nickel	mg/kg	18.4	23.2	27.6	13.4	24.2	4.4	3.4	4.8	6.2	-
Potassium	mg/kg	1670	1930	2960	1190	2300	139 J	167 J	151 J	247 J	-
Selenium	mg/kg	0.16 J	0.24 U	0.13 J	0.13 J	0.19 J	0.11 J	0.22 U	0.22 U	0.13 J	-
Silver	mg/kg	0.59 U	0.59 U	0.64 U	0.56 U	0.60 U	0.54 U	0.55 U	0.54 U	0.54 U	-
Sodium	mg/kg	148	138	227	113 U	121	108 U	111 U	108 U	109 U	-
Thallium	mg/kg	0.17	0.32	0.29	0.15	0.27	0.041 J	0.038 J	0.029 J	0.049 J	-
Vanadium	mg/kg	18.4	22.3	26.1	13.7	23.5	8.6	5.7	8.1	8.4	-
Zinc	mg/kg	48.3 J	133 J	59.1	31.2	54.0	21.8 J	23.8 J	15.2 J	18.0 J	-
Cyanide (total)	mg/kg	0.23 U	0.24 U	0.25 U	0.23 U	0.24 U	0.22 U	0.22 U	0.22 U	0.22 U	-
TCCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-72	SB18-72	SB18-74	SB18-75	SB18-75	SB18-76	SB18-76	SB18-77	SB18-77	SB18-78
Sample Depth:		0-2 ft BGS	2-4 ft BGS	0-2 ft BGS	0-2 ft BGS	4-5 ft BGS	0-2 ft BGS	10-12 ft BGS	0-2 ft BGS	9-10 ft BGS	0-2.5 ft BGS
Sample ID:		S-17303-052404-DCR-346	S-17303-052404-DCR-347	S-17303-051904-DCR-341	S-17303-051904-DCR-342	S-17303-051904-DCR-343	S-17303-052404-DCR-349	S-17303-052404-DCR-350	S-17303-052404-DCR-351	S-17303-052404-DCR-352	S-17303-082304-BW-397
Sample Date:		05/24/2004	05/24/2004	05/19/2004	05/19/2004	05/19/2004	05/24/2004	05/24/2004	05/24/2004	05/24/2004	08/23/2004
Sample Type:											
Parameter:		Units									
Arsenic		mg/L	-	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		mg/kg	0.39 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.33 U
Aroclor-1221 (PCB-1221)		mg/kg	0.39 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.33 U
Aroclor-1232 (PCB-1232)		mg/kg	0.39 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.33 U
Aroclor-1242 (PCB-1242)		mg/kg	0.39 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.33 U
Aroclor-1248 (PCB-1248)		mg/kg	0.048 J	0.39 U	0.04 J	0.027 J	0.4 U	0.36 U	0.37 U	0.36 U	0.33 U
Aroclor-1254 (PCB-1254)		mg/kg	0.39 U	0.39 U	0.42 U	0.37 U	0.4 U	0.36 U	0.37 U	0.021 J	0.33 U
Aroclor-1260 (PCB-1260)		mg/kg	0.074 J	0.39 U	0.0089 J	0.024 J	0.4 U	0.36 U	0.37 U	0.36 U	0.33 U
Total PCBs		mg/kg	0.122 J	0.39 U	0.0489 J	0.051 J	0.4 U	0.36 U	0.37 U	0.021 J	0.33 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels:
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-78 2.5-5 ft BGS S-17303-082304-BW-398 08/23/2004	PAOC 18 SB18-78 5-7.5 ft BGS S-17303-082304-BW-399 08/23/2004	PAOC 18 SB18-78 7.5-10 ft BGS S-17303-082304-BW-400 08/23/2004	PAOC 18 SB18-79 0-2.5 ft BGS S-17303-082304-BW-391 08/23/2004	PAOC 18 SB18-79 2.5-5 ft BGS S-17303-082304-BW-392 08/23/2004	PAOC 18 SB18-79 5-7.5 ft BGS S-17303-082304-BW-393 08/23/2004	PAOC 18 SB18-79 7.5-10 ft BGS S-17303-082304-BW-394 08/23/2004	PAOC 18 SB18-80 0-2.5 ft BGS S-17303-082304-BW-381 08/23/2004	PAOC 18 SB18-80 2.5-5 ft BGS S-17303-082304-BW-382 08/23/2004	PAOC 18 SB18-80 5-7.5 ft BGS S-17303-082304-BW-383 08/23/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.05 U	0.11	1.5 ^e	0.008 J	0.008 J	0.05 U	0.07	0.05 U	0.08	10.8 ^e
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	2.7 ^{ei}
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-78	SB18-78	SB18-78	SB18-79	SB18-79	SB18-79	SB18-79	SB18-80	SB18-80	SB18-80
Sample Depth:		2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS
Sample ID:		S-17303-082304-BW-398	S-17303-082304-BW-399	S-17303-082304-BW-400	S-17303-082304-BW-391	S-17303-082304-BW-392	S-17303-082304-BW-393	S-17303-082304-BW-394	S-17303-082304-BW-381	S-17303-082304-BW-382	S-17303-082304-BW-383
Sample Date:		08/23/2004	08/23/2004	08/23/2004	08/23/2004	08/23/2004	08/23/2004	08/23/2004	08/23/2004	08/23/2004	08/23/2004
Sample Type:											
Parameter:		Units									
Methyl cyclohexane		mg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)		mg/kg	-	-	-	-	-	-	-	-	-
Methylene chloride		mg/kg	0.3 U	0.3 U	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1 U
Naphthalene		mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene		mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene		mg/kg	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1.2
p-Xylene		mg/kg	0.1 U	0.1 U	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	5.7 ^e
Styrene		mg/kg	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/kg	-	-	-	-	-	-	-	-	-
Toluene		mg/kg	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1.1
trans-1,2-Dichloroethene		mg/kg	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	0.01 J	2.92 ^e	24.7 ^{ei}	0.04 J	0.06	0.03 J	1.85 ^e	0.02 J	2.60 J ^e
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	3.7 ^{efi}
Xylenes (total)		mg/kg	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes		mg/L	-	-	-	-	-	-	-	-	-
o-Xylene		mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/L	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-
SVOCs											

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-78 2.5-5 ft BGS S-17303-082304-BW-398 08/23/2004	PAOC 18 SB18-78 5-7.5 ft BGS S-17303-082304-BW-399 08/23/2004	PAOC 18 SB18-78 7.5-10 ft BGS S-17303-082304-BW-400 08/23/2004	PAOC 18 SB18-79 0-2.5 ft BGS S-17303-082304-BW-391 08/23/2004	PAOC 18 SB18-79 2.5-5 ft BGS S-17303-082304-BW-392 08/23/2004	PAOC 18 SB18-79 5-7.5 ft BGS S-17303-082304-BW-393 08/23/2004	PAOC 18 SB18-79 7.5-10 ft BGS S-17303-082304-BW-394 08/23/2004	PAOC 18 SB18-80 0-2.5 ft BGS S-17303-082304-BW-381 08/23/2004	PAOC 18 SB18-80 2.5-5 ft BGS S-17303-082304-BW-382 08/23/2004	PAOC 18 SB18-80 5-7.5 ft BGS S-17303-082304-BW-383 08/23/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-78 2.5-5 ft BGS S-17303-082304-BW-398 08/23/2004	PAOC 18 SB18-78 5-7.5 ft BGS S-17303-082304-BW-399 08/23/2004	PAOC 18 SB18-78 7.5-10 ft BGS S-17303-082304-BW-400 08/23/2004	PAOC 18 SB18-79 0-2.5 ft BGS S-17303-082304-BW-391 08/23/2004	PAOC 18 SB18-79 2.5-5 ft BGS S-17303-082304-BW-392 08/23/2004	PAOC 18 SB18-79 5-7.5 ft BGS S-17303-082304-BW-393 08/23/2004	PAOC 18 SB18-79 7.5-10 ft BGS S-17303-082304-BW-394 08/23/2004	PAOC 18 SB18-80 0-2.5 ft BGS S-17303-082304-BW-381 08/23/2004	PAOC 18 SB18-80 2.5-5 ft BGS S-17303-082304-BW-382 08/23/2004	PAOC 18 SB18-80 5-7.5 ft BGS S-17303-082304-BW-383 08/23/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-78 2.5-5 ft BGS S-17303-082304-BW-398 08/23/2004	PAOC 18 SB18-78 5-7.5 ft BGS S-17303-082304-BW-399 08/23/2004	PAOC 18 SB18-78 7.5-10 ft BGS S-17303-082304-BW-400 08/23/2004	PAOC 18 SB18-79 0-2.5 ft BGS S-17303-082304-BW-391 08/23/2004	PAOC 18 SB18-79 2.5-5 ft BGS S-17303-082304-BW-392 08/23/2004	PAOC 18 SB18-79 5-7.5 ft BGS S-17303-082304-BW-393 08/23/2004	PAOC 18 SB18-79 7.5-10 ft BGS S-17303-082304-BW-394 08/23/2004	PAOC 18 SB18-80 0-2.5 ft BGS S-17303-082304-BW-381 08/23/2004	PAOC 18 SB18-80 2.5-5 ft BGS S-17303-082304-BW-382 08/23/2004	PAOC 18 SB18-80 5-7.5 ft BGS S-17303-082304-BW-383 08/23/2004
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	0.36	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.03 J
Total PCBs	mg/kg	0.33 U	0.33 U	0.33 U	0.36	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.03 J
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-81 0-2.5 ft BGS S-17303-082304-BW-385 08/23/2004	PAOC 18 SB18-81 2.5-5 ft BGS S-17303-082304-BW-386 08/23/2004	PAOC 18 SB18-81 5-7.5 ft BGS S-17303-082304-BW-387 08/23/2004	PAOC 18 SB18-81 7.5-10 ft BGS S-17303-082304-BW-388 08/23/2004	PAOC 18 SB18-82 0-2.5 ft BGS S-17303-082304-BW-403 08/23/2004	PAOC 18 SB18-82 2.5-5 ft BGS S-17303-082304-BW-404 08/23/2004	PAOC 18 SB18-82 5-7.5 ft BGS S-17303-082304-BW-405 08/23/2004	PAOC 18 SB18-82 7.5-10 ft BGS S-17303-082304-BW-406 08/23/2004	PAOC 18 SB18-84 3-3 ft BGS S-17303-082304-BW-408 08/23/2004	PAOC 18 SB18-85 2.5-5 ft BGS S-17303-082404-BW-410 08/24/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.05 U	0.05 U	0.05 U	2.66 ^e	0.05 U	0.05 U	0.05 U	8.4 ^e	1.09	0.05 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

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	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	3 U	0.3 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U
p-Xylene	mg/kg	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	1 U	0.1 U	0.1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.05 J	0.05 J	0.06	3.09 ^e	0.009 J	0.05 U	0.02 J	5.6 ^{ei}	1.74 ^e	0.53 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

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2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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RCRA FIELD INVESTIGATION
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-81 0-2.5 ft BGS S-17303-082304-BW-385 08/23/2004	PAOC 18 SB18-81 2.5-5 ft BGS S-17303-082304-BW-386 08/23/2004	PAOC 18 SB18-81 5-7.5 ft BGS S-17303-082304-BW-387 08/23/2004	PAOC 18 SB18-81 7.5-10 ft BGS S-17303-082304-BW-388 08/23/2004	PAOC 18 SB18-82 0-2.5 ft BGS S-17303-082304-BW-403 08/23/2004	PAOC 18 SB18-82 2.5-5 ft BGS S-17303-082304-BW-404 08/23/2004	PAOC 18 SB18-82 5-7.5 ft BGS S-17303-082304-BW-405 08/23/2004	PAOC 18 SB18-82 7.5-10 ft BGS S-17303-082304-BW-406 08/23/2004	PAOC 18 SB18-84 3-3 ft BGS S-17303-082304-BW-408 08/23/2004	PAOC 18 SB18-85 2.5-5 ft BGS S-17303-082404-BW-410 08/24/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.03 J	0.16 J	0.33 U	0.33 U	0.1 J	0.33 U	0.33 U	1.3	0.33 U	0.33 U
Total PCBs	mg/kg	0.03 J	0.16 J	0.33 U	0.33 U	0.1 J	0.33 U	0.33 U	1.3	0.33 U	0.33 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-86 2.5-5 ft BGS S-17303-082404-BW-412 08/24/2004	PAOC 18 SB18-88 0-2.5 ft BGS S-17303-082404-BW-414 08/24/2004	PAOC 18 SB18-88 2.5-5 ft BGS S-17303-082404-BW-415 08/24/2004	PAOC 18 SB18-89 7.5-10 ft BGS S-17303-082404-BW-419 08/24/2004	PAOC 18 SB18-90 7.5-10 ft BGS S-17303-082404-BW-423 08/24/2004	PAOC 18 SB18-91 10-12.5 ft BGS S-17303-082404-BW-428 08/24/2004	PAOC 18 SB18-91 17.5-17.5 ft BGS S-17303-082404-BW-429 08/24/2004	PAOC 18 SB18-92 0-2 ft BGS S-17303-082404-BW-430 08/24/2004	PAOC 18 SB18-92 6.9-6.9 ft BGS S-17303-082404-BW-431 08/24/2004	PAOC 18 SB18-93 0-1 ft BGS S-17303-082404-BW-432 08/24/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.05 U	0.02 J	0.44	7.6 ^e	0.19	0.04 J	1700 ^{bdefhij}	0.05 U	120 ^{efi}	40 ^{ei}
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	118 J ^{ei}	0.05 U	4 J ^{ei}	1 ⁱ
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-86 2.5-5 ft BGS S-17303-082404-BW-412 08/24/2004	PAOC 18 SB18-88 0-2.5 ft BGS S-17303-082404-BW-414 08/24/2004	PAOC 18 SB18-88 2.5-5 ft BGS S-17303-082404-BW-415 08/24/2004	PAOC 18 SB18-89 7.5-10 ft BGS S-17303-082404-BW-419 08/24/2004	PAOC 18 SB18-90 7.5-10 ft BGS S-17303-082404-BW-423 08/24/2004	PAOC 18 SB18-91 10-12.5 ft BGS S-17303-082404-BW-428 08/24/2004	PAOC 18 SB18-91 17.5-17.5 ft BGS S-17303-082404-BW-429 08/24/2004	PAOC 18 SB18-92 0-2 ft BGS S-17303-082404-BW-430 08/24/2004	PAOC 18 SB18-92 6.9-6.9 ft BGS S-17303-082404-BW-431 08/24/2004	PAOC 18 SB18-93 0-1 ft BGS S-17303-082404-BW-432 08/24/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	0.3 U	0.3 U	3 U	0.3 U	0.3 U	3000 U	0.3 U	30 U	5 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	180 J ^{defhj}	0.05 U	7 ^e	0.9 J
p-Xylene	mg/kg	0.1 U	0.1 U	0.1 U	1 U	0.1 U	0.1 U	451 J ^{defhj}	0.1 U	20 ^e	3
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	175 J ^{ei}	0.05 U	16 ⁱ	1
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.03 J	0.07	0.06	9.9 ^{ei}	1.16 ^e	0.45 ^e	96200 ^{bcd efhij}	0.23 ^e	5 U	0.6 J ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.05 U	0.05 U	0.05 U	0.5 U	0.05 U	0.05 U	231 J ^{bcd efhi}	0.05 U	12 ^{efi}	7 ^{efi}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-86 2.5-5 ft BGS S-17303-082404-BW-412 08/24/2004	PAOC 18 SB18-88 0-2.5 ft BGS S-17303-082404-BW-414 08/24/2004	PAOC 18 SB18-88 2.5-5 ft BGS S-17303-082404-BW-415 08/24/2004	PAOC 18 SB18-89 7.5-10 ft BGS S-17303-082404-BW-419 08/24/2004	PAOC 18 SB18-90 7.5-10 ft BGS S-17303-082404-BW-423 08/24/2004	PAOC 18 SB18-91 10-12.5 ft BGS S-17303-082404-BW-428 08/24/2004	PAOC 18 SB18-91 17.5-17.5 ft BGS S-17303-082404-BW-429 08/24/2004	PAOC 18 SB18-92 0-2 ft BGS S-17303-082404-BW-430 08/24/2004	PAOC 18 SB18-92 6.9-6.9 ft BGS S-17303-082404-BW-431 08/24/2004	PAOC 18 SB18-93 0-1 ft BGS S-17303-082404-BW-432 08/24/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-86 2.5-5 ft BGS S-17303-082404-BW-412 08/24/2004	PAOC 18 SB18-88 0-2.5 ft BGS S-17303-082404-BW-414 08/24/2004	PAOC 18 SB18-88 2.5-5 ft BGS S-17303-082404-BW-415 08/24/2004	PAOC 18 SB18-89 7.5-10 ft BGS S-17303-082404-BW-419 08/24/2004	PAOC 18 SB18-90 7.5-10 ft BGS S-17303-082404-BW-423 08/24/2004	PAOC 18 SB18-91 10-12.5 ft BGS S-17303-082404-BW-428 08/24/2004	PAOC 18 SB18-91 17.5-17.5 ft BGS S-17303-082404-BW-429 08/24/2004	PAOC 18 SB18-92 0-2 ft BGS S-17303-082404-BW-430 08/24/2004	PAOC 18 SB18-92 6.9-6.9 ft BGS S-17303-082404-BW-431 08/24/2004	PAOC 18 SB18-93 0-1 ft BGS S-17303-082404-BW-432 08/24/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-86	SB18-88	SB18-88	SB18-89	SB18-90	SB18-91	SB18-91	SB18-92	SB18-92	SB18-93
Sample Depth:		2.5-5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	7.5-10 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	17.5-17.5 ft BGS	0-2 ft BGS	6.9-6.9 ft BGS	0-1 ft BGS
Sample ID:		S-17303-082404-BW-412	S-17303-082404-BW-414	S-17303-082404-BW-415	S-17303-082404-BW-419	S-17303-082404-BW-423	S-17303-082404-BW-428	S-17303-082404-BW-429	S-17303-082404-BW-430	S-17303-082404-BW-431	S-17303-082404-BW-432
Sample Date:		08/24/2004	08/24/2004	08/24/2004	08/24/2004	08/24/2004	08/24/2004	08/24/2004	08/24/2004	08/24/2004	08/24/2004
Sample Type:											
Parameter:		Units									
Arsenic		mg/L	-	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	40 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	40 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	40 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	40 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	40 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	40 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.4	360 ^d	0.33 U	0.6	0.33 U
Total PCBs		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.4	360 ^d	0.33 U	0.6	0.33 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-93 3.9-3.9 ft BGS S-17303-082404-BW-433 08/24/2004	PAOC 18 SB18-94 1.5-1.5 ft BGS S-17303-082404-BW-434 08/24/2004	PAOC 18 SB18-94 4.5-4.5 ft BGS S-17303-082404-BW-435 08/24/2004	PAOC 18 SB18-95 0-2.5 ft BGS S-17303-082504-BW-436 08/25/2004	PAOC 18 SB18-95 2.5-5 ft BGS S-17303-082504-BW-437 08/25/2004	PAOC 18 SB18-95 5-7.5 ft BGS S-17303-082504-BW-438 08/25/2004	PAOC 18 SB18-95 7.5-10 ft BGS S-17303-082504-BW-439 08/25/2004	PAOC 18 SB18-98 0-3 ft BGS S-17303-082504-BW-445 08/25/2004	PAOC 18 SB18-98 3-6 ft BGS S-17303-082504-BW-446 08/25/2004	PAOC 18 SB18-99 0-3 ft BGS S-17303-082504-BW-447 08/25/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	101 ^{efi}	0.02 J	12.1 ^{ei}	0.05 U	0.05 U	0.18	8.1 ^e	111 ^{efi}	0.67	54.1 ^{efi}
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	2 ^{ei}	0.05 U	1.2 ⁱ	0.05 U	0.05 U	0.05 U	0.5 U	1 U	0.05 U	0.5 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-93 3.9-3.9 ft BGS S-17303-082404-BW-433 08/24/2004	PAOC 18 SB18-94 1.5-1.5 ft BGS S-17303-082404-BW-434 08/24/2004	PAOC 18 SB18-94 4.5-4.5 ft BGS S-17303-082404-BW-435 08/24/2004	PAOC 18 SB18-95 0-2.5 ft BGS S-17303-082504-BW-436 08/25/2004	PAOC 18 SB18-95 2.5-5 ft BGS S-17303-082504-BW-437 08/25/2004	PAOC 18 SB18-95 5-7.5 ft BGS S-17303-082504-BW-438 08/25/2004	PAOC 18 SB18-95 7.5-10 ft BGS S-17303-082504-BW-439 08/25/2004	PAOC 18 SB18-98 0-3 ft BGS S-17303-082504-BW-445 08/25/2004	PAOC 18 SB18-98 3-6 ft BGS S-17303-082504-BW-446 08/25/2004	PAOC 18 SB18-99 0-3 ft BGS S-17303-082504-BW-447 08/25/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	5 U	0.3 U	3 U	0.3 U	0.3 U	0.3 U	3 U	5 U	0.3 U	3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	2	0.05 U	0.5 J	0.05 U	0.05 U	0.05 U	0.5 U	1 U	0.05 U	0.5 U
p-Xylene	mg/kg	6 ^e	0.1 U	3	0.1 U	0.1 U	0.1 U	1 U	2 U	0.1 U	1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	2	0.05 U	0.7	0.05 U	0.05 U	0.05 U	0.5 U	1 U	0.05 U	0.2 J
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	2 ^e	0.19 ^e	0.7 ^e	0.03 J	0.01 J	0.28 ^e	9.2 ^{ei}	3 ^e	0.06	0.8 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	8 ^{efi}	0.05 U	5.7 ^{efi}	0.05 U	0.05 U	0.05 U	0.5 U	5 ^{efi}	0.05 U	2.8 ^{ei}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-93 3.9-3.9 ft BGS S-17303-082404-BW-433 08/24/2004	PAOC 18 SB18-94 1.5-1.5 ft BGS S-17303-082404-BW-434 08/24/2004	PAOC 18 SB18-94 4.5-4.5 ft BGS S-17303-082404-BW-435 08/24/2004	PAOC 18 SB18-95 0-2.5 ft BGS S-17303-082504-BW-436 08/25/2004	PAOC 18 SB18-95 2.5-5 ft BGS S-17303-082504-BW-437 08/25/2004	PAOC 18 SB18-95 5-7.5 ft BGS S-17303-082504-BW-438 08/25/2004	PAOC 18 SB18-95 7.5-10 ft BGS S-17303-082504-BW-439 08/25/2004	PAOC 18 SB18-98 0-3 ft BGS S-17303-082504-BW-445 08/25/2004	PAOC 18 SB18-98 3-6 ft BGS S-17303-082504-BW-446 08/25/2004	PAOC 18 SB18-99 0-3 ft BGS S-17303-082504-BW-447 08/25/2004
	Units										
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-93	SB18-94	SB18-94	SB18-95	SB18-95	SB18-95	SB18-95	SB18-98	SB18-99
Sample Depth:		3.9-3.9 ft BGS	1.5-1.5 ft BGS	4.5-4.5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	0-3 ft BGS	0-3 ft BGS
Sample ID:		S-17303-082404-BW-433	S-17303-082404-BW-434	S-17303-082404-BW-435	S-17303-082504-BW-436	S-17303-082504-BW-437	S-17303-082504-BW-438	S-17303-082504-BW-439	S-17303-082504-BW-445	S-17303-082504-BW-446
Sample Date:		08/24/2004	08/24/2004	08/24/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004
Sample Type:										
Parameter:		Units								
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Inorganics										
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-
TCLP Metals										

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-93	SB18-94	SB18-94	SB18-95	SB18-95	SB18-95	SB18-95	SB18-98	SB18-98	SB18-99
Sample Depth:		3.9-3.9 ft BGS	1.5-1.5 ft BGS	4.5-4.5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	0-3 ft BGS	3-6 ft BGS	0-3 ft BGS
Sample ID:		S-17303-082404-BW-433	S-17303-082404-BW-434	S-17303-082404-BW-435	S-17303-082504-BW-436	S-17303-082504-BW-437	S-17303-082504-BW-438	S-17303-082504-BW-439	S-17303-082504-BW-445	S-17303-082504-BW-446	S-17303-082504-BW-447
Sample Date:		08/24/2004	08/24/2004	08/24/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004	08/25/2004
Sample Type:											
Parameter:		Units									
Arsenic		mg/L	-	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)		mg/kg	0.02 J	0.12 J	0.5	0.6	0.33 U	0.33 U	0.33 U	0.33 U	0.07 J
Total PCBs		mg/kg	0.02 J	0.12 J	0.5	0.6	0.33 U	0.33 U	0.33 U	0.33 U	0.07 J
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-99 3-6 ft BGS S-17303-082504-BW-448 08/25/2004	PAOC 18 SB18-100 0-2 ft BGS S-17303-082504-BW-449 08/25/2004	PAOC 18 SB18-100 6-6 ft BGS S-17303-082504-BW-450 08/25/2004	PAOC 18 SB18-101 0-3 ft BGS S-17303-082504-BW-451 08/25/2004	PAOC 18 SB18-101 3-6 ft BGS S-17303-082504-BW-452 08/25/2004	PAOC 18 SB18-103 3-3 ft BGS S-17303-082504-BW-455 08/25/2004	PAOC 18 SB18-103 6-6 ft BGS S-17303-082504-BW-456 08/25/2004	PAOC 18 SB18-104 0-3 ft BGS S-17303-082504-BW-457 08/25/2004	PAOC 18 SB18-104 3-6 ft BGS S-17303-082504-BW-458 08/25/2004	PAOC 18 SB18-104 5-7 ft BGS S-17303-083104-BW-513 08/31/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.64	37.4 ^{ei}	0.08	50 ^{efi}	0.08	63 ^{efi}	0.19	25.6 ^{ei}	229 ^{cefi}	0.05 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.2 J	0.05 U	1 U	0.05 U	1 U	0.05 U	0.2 U	5 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-99 3-6 ft BGS S-17303-082504-BW-448 08/25/2004	PAOC 18 SB18-100 0-2 ft BGS S-17303-082504-BW-449 08/25/2004	PAOC 18 SB18-100 6-6 ft BGS S-17303-082504-BW-450 08/25/2004	PAOC 18 SB18-101 0-3 ft BGS S-17303-082504-BW-451 08/25/2004	PAOC 18 SB18-101 3-6 ft BGS S-17303-082504-BW-452 08/25/2004	PAOC 18 SB18-103 3-3 ft BGS S-17303-082504-BW-455 08/25/2004	PAOC 18 SB18-103 6-6 ft BGS S-17303-082504-BW-456 08/25/2004	PAOC 18 SB18-104 0-3 ft BGS S-17303-082504-BW-457 08/25/2004	PAOC 18 SB18-104 3-6 ft BGS S-17303-082504-BW-458 08/25/2004	PAOC 18 SB18-104 5-7 ft BGS S-17303-083104-BW-513 08/31/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	1 U	0.3 U	5 U	0.3 U	5 U	0.3 U	1 U	30 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.4	0.05 U	1 U	0.05 U	1 U	0.05 U	0.2 U	5 U	0.05 U
p-Xylene	mg/kg	0.1 U	0.5	0.1 U	2 U	0.1 U	2 U	0.1 U	0.4 U	10 U	0.1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	0.3	0.05 U	1 U	0.05 U	1 U	0.05 U	0.2 U	5 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.20 ^e	0.2 ^e	0.05 U	1 U	0.05 U	1 U	0.05 U	0.2 U	5 U	0.05 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.13 ^e	6.5 ^{efi}	0.05 U	6 ^{efi}	0.05 ^e	5 ^{efi}	0.05 U	1.3 ^{ei}	6 ^{efi}	0.05 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-99 3-6 ft BGS S-17303-082504-BW-448 08/25/2004	PAOC 18 SB18-100 0-2 ft BGS S-17303-082504-BW-449 08/25/2004	PAOC 18 SB18-100 6-6 ft BGS S-17303-082504-BW-450 08/25/2004	PAOC 18 SB18-101 0-3 ft BGS S-17303-082504-BW-451 08/25/2004	PAOC 18 SB18-101 3-6 ft BGS S-17303-082504-BW-452 08/25/2004	PAOC 18 SB18-103 3-3 ft BGS S-17303-082504-BW-455 08/25/2004	PAOC 18 SB18-103 6-6 ft BGS S-17303-082504-BW-456 08/25/2004	PAOC 18 SB18-104 0-3 ft BGS S-17303-082504-BW-457 08/25/2004	PAOC 18 SB18-104 3-6 ft BGS S-17303-082504-BW-458 08/25/2004	PAOC 18 SB18-104 5-7 ft BGS S-17303-083104-BW-513 08/31/2004
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.03 J	0.33 U	0.33 U	0.33 U	0.03 J	0.33 U	0.33 U	0.33 U	0.33 U
Total PCBs	mg/kg	0.33 U	0.03 J	0.33 U	0.33 U	0.33 U	0.03 J	0.33 U	0.33 U	0.33 U	0.33 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-105 0-3 ft BGS S-17303-082504-BW-459 08/25/2004	PAOC 18 SB18-105 3-6 ft BGS S-17303-082504-BW-460 08/25/2004	PAOC 18 SB18-105 5-7 ft BGS S-17303-083104-BW-514 08/31/2004	PAOC 18 SB18-106 0-2 ft BGS S-17303-082504-BW-461 08/25/2004	PAOC 18 SB18-106 2-4 ft BGS S-17303-082504-BW-462 08/25/2004	PAOC 18 SB18-106 4-6 ft BGS S-17303-082504-BW-463 08/25/2004	PAOC 18 SB18-106 6-8 ft BGS S-17303-082504-BW-464 08/25/2004	PAOC 18 SB18-111 0-2.5 ft BGS S-17303-082604-BW-483 08/26/2004	PAOC 18 SB18-111 2.5-5 ft BGS S-17303-082604-BW-484 08/26/2004	PAOC 18 SB18-111 5-7.5 ft BGS S-17303-082604-BW-485 08/26/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	228 ^{cefi}	288 ^{cefi}	0.12	0.02 J	0.02 J	0.59	1.68 ^e	0.14	0.15	0.5
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	5 U	5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.27	8.1 ^{ei}
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-105 0-3 ft BGS S-17303-082504-BW-459 08/25/2004	PAOC 18 SB18-105 3-6 ft BGS S-17303-082504-BW-460 08/25/2004	PAOC 18 SB18-105 5-7 ft BGS S-17303-083104-BW-514 08/31/2004	PAOC 18 SB18-106 0-2 ft BGS S-17303-082504-BW-461 08/25/2004	PAOC 18 SB18-106 2-4 ft BGS S-17303-082504-BW-462 08/25/2004	PAOC 18 SB18-106 4-6 ft BGS S-17303-082504-BW-463 08/25/2004	PAOC 18 SB18-106 6-8 ft BGS S-17303-082504-BW-464 08/25/2004	PAOC 18 SB18-111 0-2.5 ft BGS S-17303-082604-BW-483 08/26/2004	PAOC 18 SB18-111 2.5-5 ft BGS S-17303-082604-BW-484 08/26/2004	PAOC 18 SB18-111 5-7.5 ft BGS S-17303-082604-BW-485 08/26/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	30 U	30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	5 U	5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	6.1 ^e
p-Xylene	mg/kg	10 U	10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.4	20.4 ^e
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	5 U	5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.15	0.5
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	62 ^{efi}	124 ^{efi}	0.05 U	0.13 ^e	0.03 J	0.54 ^e	1.03 ^e	0.27 ^e	0.05 U	0.2 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	5 U	5 ^{jefi}	0.71 ^{ei}	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.41 ^{ei}	1.6 ^{ei}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-105 0-3 ft BGS S-17303-082504-BW-459 08/25/2004	PAOC 18 SB18-105 3-6 ft BGS S-17303-082504-BW-460 08/25/2004	PAOC 18 SB18-105 5-7 ft BGS S-17303-083104-BW-514 08/31/2004	PAOC 18 SB18-106 0-2 ft BGS S-17303-082504-BW-461 08/25/2004	PAOC 18 SB18-106 2-4 ft BGS S-17303-082504-BW-462 08/25/2004	PAOC 18 SB18-106 4-6 ft BGS S-17303-082504-BW-463 08/25/2004	PAOC 18 SB18-106 6-8 ft BGS S-17303-082504-BW-464 08/25/2004	PAOC 18 SB18-111 0-2.5 ft BGS S-17303-082604-BW-483 08/26/2004	PAOC 18 SB18-111 2.5-5 ft BGS S-17303-082604-BW-484 08/26/2004	PAOC 18 SB18-111 5-7.5 ft BGS S-17303-082604-BW-485 08/26/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-105 0-3 ft BGS S-17303-082504-BW-459 08/25/2004	PAOC 18 SB18-105 3-6 ft BGS S-17303-082504-BW-460 08/25/2004	PAOC 18 SB18-105 5-7 ft BGS S-17303-083104-BW-514 08/31/2004	PAOC 18 SB18-106 0-2 ft BGS S-17303-082504-BW-461 08/25/2004	PAOC 18 SB18-106 2-4 ft BGS S-17303-082504-BW-462 08/25/2004	PAOC 18 SB18-106 4-6 ft BGS S-17303-082504-BW-463 08/25/2004	PAOC 18 SB18-106 6-8 ft BGS S-17303-082504-BW-464 08/25/2004	PAOC 18 SB18-111 0-2.5 ft BGS S-17303-082604-BW-483 08/26/2004	PAOC 18 SB18-111 2.5-5 ft BGS S-17303-082604-BW-484 08/26/2004	PAOC 18 SB18-111 5-7.5 ft BGS S-17303-082604-BW-485 08/26/2004
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-105 0-3 ft BGS S-17303-082504-BW-459 08/25/2004	PAOC 18 SB18-105 3-6 ft BGS S-17303-082504-BW-460 08/25/2004	PAOC 18 SB18-105 5-7 ft BGS S-17303-083104-BW-514 08/31/2004	PAOC 18 SB18-106 0-2 ft BGS S-17303-082504-BW-461 08/25/2004	PAOC 18 SB18-106 2-4 ft BGS S-17303-082504-BW-462 08/25/2004	PAOC 18 SB18-106 4-6 ft BGS S-17303-082504-BW-463 08/25/2004	PAOC 18 SB18-106 6-8 ft BGS S-17303-082504-BW-464 08/25/2004	PAOC 18 SB18-111 0-2.5 ft BGS S-17303-082604-BW-483 08/26/2004	PAOC 18 SB18-111 2.5-5 ft BGS S-17303-082604-BW-484 08/26/2004	PAOC 18 SB18-111 5-7.5 ft BGS S-17303-082604-BW-485 08/26/2004
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	1 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	1 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	1 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	1 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	1 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	1 U
Aroclor-1260 (PCB-1260)	mg/kg	0.04 J	0.14	0.33 U	0.25 J	0.33 U	0.33 U	0.33 U	0.33 U	1	3
Total PCBs	mg/kg	0.04 J	0.14	0.33 U	0.25 J	0.33 U	0.33 U	0.33 U	0.33 U	1	3
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-111 7.5-7.5 ft BGS S-17303-082604-BW-486 08/26/2004	PAOC 18 SB18-111 8.5-8.5 ft BGS S-17303-082604-BW-487 08/26/2004	PAOC 18 SB18-112 0-2.5 ft BGS S-17303-082604-BW-488 08/26/2004	PAOC 18 SB18-112 2.5-5 ft BGS S-17303-082604-BW-489 08/26/2004	PAOC 18 SB18-112 5-7.5 ft BGS S-17303-082604-BW-490 08/26/2004	PAOC 18 SB18-112 9-9 ft BGS S-17303-082604-BW-491 08/26/2004	PAOC 18 SB18-113 0-2.5 ft BGS S-17303-082604-BW-492 08/26/2004	PAOC 18 SB18-113 2.5-5 ft BGS S-17303-082604-BW-493 08/26/2004	PAOC 18 SB18-113 5-7.5 ft BGS S-17303-082604-BW-494 08/26/2004	PAOC 18 SB18-113 9-9 ft BGS S-17303-082604-BW-495 08/26/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	1110 ^{bcd} efhij	5.7 ^e	0.24	13.0 ^{ei}	160 ^{efi}	0.29	0.07	0.05 U	250 ^{cefi}	0.52
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	30 ^{ei}	0.5 U	0.05 U	0.5 U	4 ^{ei}	0.05 U	0.05 U	0.07	30 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-111	SB18-111	SB18-112	SB18-112	SB18-112	SB18-112	SB18-113	SB18-113	SB18-113	SB18-113
Sample Depth:		7.5-7.5 ft BGS	8.5-8.5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	9-9 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	9-9 ft BGS
Sample ID:		S-17303-082604-BW-486	S-17303-082604-BW-487	S-17303-082604-BW-488	S-17303-082604-BW-489	S-17303-082604-BW-490	S-17303-082604-BW-491	S-17303-082604-BW-492	S-17303-082604-BW-493	S-17303-082604-BW-494	S-17303-082604-BW-495
Sample Date:		08/26/2004	08/26/2004	08/26/2004	08/26/2004	08/26/2004	08/26/2004	08/26/2004	08/26/2004	08/26/2004	08/26/2004
Sample Type:											
Parameter:	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	100 U	3 U	0.3 U	3 U	10 U	0.3 U	0.3 U	0.3 U	100 U	0.06 J
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	50 ^e	0.5 U	0.05 U	0.5 U	8 ^e	0.05 U	0.05 U	0.25	30 U	0.05 U
p-Xylene	mg/kg	170 ^{defhj}	1 U	0.1 U	1 U	22 ^e	0.1 U	0.1 U	0.1	50 U	0.01 J
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	60 ^{ei}	0.5 U	0.05 U	0.5 U	3	0.05 U	0.05 U	0.10	30 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	21.4 ^{ei}	0.77 ^e	1.3 ^e	-	1.58 ^e	0.13 ^e	0.05 U	3450 ^{bcddefhij}	3.19 J ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	15 J ^{efi}	4.4 ^{efi}	0.05 U	0.5 U	3 ^{efi}	0.78 ^{ei}	0.05 U	0.14 ^e	30 U	1.43 ^{ei}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-111 7.5-7.5 ft BGS S-17303-082604-BW-486 08/26/2004	PAOC 18 SB18-111 8.5-8.5 ft BGS S-17303-082604-BW-487 08/26/2004	PAOC 18 SB18-112 0-2.5 ft BGS S-17303-082604-BW-488 08/26/2004	PAOC 18 SB18-112 2.5-5 ft BGS S-17303-082604-BW-489 08/26/2004	PAOC 18 SB18-112 5-7.5 ft BGS S-17303-082604-BW-490 08/26/2004	PAOC 18 SB18-112 9-9 ft BGS S-17303-082604-BW-491 08/26/2004	PAOC 18 SB18-113 0-2.5 ft BGS S-17303-082604-BW-492 08/26/2004	PAOC 18 SB18-113 2.5-5 ft BGS S-17303-082604-BW-493 08/26/2004	PAOC 18 SB18-113 5-7.5 ft BGS S-17303-082604-BW-494 08/26/2004	PAOC 18 SB18-113 9-9 ft BGS S-17303-082604-BW-495 08/26/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-111 7.5-7.5 ft BGS S-17303-082604-BW-486 08/26/2004	PAOC 18 SB18-111 8.5-8.5 ft BGS S-17303-082604-BW-487 08/26/2004	PAOC 18 SB18-112 0-2.5 ft BGS S-17303-082604-BW-488 08/26/2004	PAOC 18 SB18-112 2.5-5 ft BGS S-17303-082604-BW-489 08/26/2004	PAOC 18 SB18-112 5-7.5 ft BGS S-17303-082604-BW-490 08/26/2004	PAOC 18 SB18-112 9-9 ft BGS S-17303-082604-BW-491 08/26/2004	PAOC 18 SB18-113 0-2.5 ft BGS S-17303-082604-BW-492 08/26/2004	PAOC 18 SB18-113 2.5-5 ft BGS S-17303-082604-BW-493 08/26/2004	PAOC 18 SB18-113 5-7.5 ft BGS S-17303-082604-BW-494 08/26/2004	PAOC 18 SB18-113 9-9 ft BGS S-17303-082604-BW-495 08/26/2004
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	2 U	0.33 U	0.33 U	1 U	5 U	0.33 U	0.33 U	2 U	10 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	2 U	0.33 U	0.33 U	1 U	5 U	0.33 U	0.33 U	2 U	10 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	2 U	0.33 U	0.33 U	1 U	5 U	0.33 U	0.33 U	2 U	10 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	2 U	0.33 U	0.33 U	1 U	5 U	0.33 U	0.33 U	2 U	10 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	2 U	0.33 U	0.33 U	1 U	5 U	0.33 U	0.33 U	2 U	10 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	2 U	0.33 U	0.33 U	1 U	5 U	0.33 U	0.33 U	2 U	10 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	17 ^d	0.33 U	0.33 U	4	55 ^d	0.33 U	0.33 U	8	57 ^d	0.015 J
Total PCBs	mg/kg	17 ^d	0.33 U	0.33 U	4	55 ^d	0.33 U	0.33 U	8	57 ^d	0.015 J
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-114 0-2.5 ft BGS S-17303-082604-BW-498 08/26/2004	PAOC 18 SB18-114 5-5 ft BGS S-17303-082604-BW-499 08/26/2004	PAOC 18 SB18-115 0-2.5 ft BGS S-17303-082604-BW-500 08/26/2004	PAOC 18 SB18-115 5-5 ft BGS S-17303-082604-BW-501 08/26/2004	PAOC 18 SB18-116 0-2.5 ft BGS S-17303-082604-BW-502 08/26/2004	PAOC 18 SB18-116 5-5 ft BGS S-17303-082604-BW-503 08/26/2004	PAOC 18 SB18-117 4-6 ft BGS S-17303-083104-BW-507 08/31/2004	PAOC 18 SB18-117 6-7.7 ft BGS S-17303-083104-BW-508 08/31/2004	PAOC 18 SB18-117 9.2-9.2 ft BGS S-17303-083104-BW-509 08/31/2004	PAOC 18 SB18-118 0-2 ft BGS S-17303-083104-BW-510 08/31/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	1.70 ^e	-	-	-	52 ^{efi}	55 ^{efi}	44.1 ^{efi}	64.5 ^{efi}	4.16 ^e	0.02 J
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	1 U	1 U	1 U	1 ⁱ	1 U	0.7 ⁱ	1.0 ⁱ	0.05 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

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	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	5 U	5 U	5 U	5 U	5 U	3 U	3 U	0.02 J	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	1 U	1 U	1 U	1	1 U	1.2	2.0	0.05 U	0.05 U
p-Xylene	mg/kg	0.1 U	2 U	2 U	2 U	4	1 J	4	7 ^e	0.1 U	0.1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	0.6 J	0.8 J	1	0.9 J	2	2.5	4.4	0.05 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.88 ^e	1 U	116 ^{efi}	40 ^{efi}	73 ^{efi}	-	0.1 J	0.5 U	0.01 J	0.05 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.01 J	11 ^{efi}	15 ^{efi}	17 ^{efi}	2 ^{ei}	1 U	2.4 ^{ei}	8.2 ^{efi}	4.93 ^{efi}	0.05 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-114 0-2.5 ft BGS S-17303-082604-BW-498 08/26/2004	PAOC 18 SB18-114 5-5 ft BGS S-17303-082604-BW-499 08/26/2004	PAOC 18 SB18-115 0-2.5 ft BGS S-17303-082604-BW-500 08/26/2004	PAOC 18 SB18-115 5-5 ft BGS S-17303-082604-BW-501 08/26/2004	PAOC 18 SB18-116 0-2.5 ft BGS S-17303-082604-BW-502 08/26/2004	PAOC 18 SB18-116 5-5 ft BGS S-17303-082604-BW-503 08/26/2004	PAOC 18 SB18-117 4-6 ft BGS S-17303-083104-BW-507 08/31/2004	PAOC 18 SB18-117 6-7.7 ft BGS S-17303-083104-BW-508 08/31/2004	PAOC 18 SB18-117 9.2-9.2 ft BGS S-17303-083104-BW-509 08/31/2004	PAOC 18 SB18-118 0-2 ft BGS S-17303-083104-BW-510 08/31/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-114 0-2.5 ft BGS S-17303-082604-BW-498 08/26/2004	PAOC 18 SB18-114 5-5 ft BGS S-17303-082604-BW-499 08/26/2004	PAOC 18 SB18-115 0-2.5 ft BGS S-17303-082604-BW-500 08/26/2004	PAOC 18 SB18-115 5-5 ft BGS S-17303-082604-BW-501 08/26/2004	PAOC 18 SB18-116 0-2.5 ft BGS S-17303-082604-BW-502 08/26/2004	PAOC 18 SB18-116 5-5 ft BGS S-17303-082604-BW-503 08/26/2004	PAOC 18 SB18-117 4-6 ft BGS S-17303-083104-BW-507 08/31/2004	PAOC 18 SB18-117 6-7.7 ft BGS S-17303-083104-BW-508 08/31/2004	PAOC 18 SB18-117 9.2-9.2 ft BGS S-17303-083104-BW-509 08/31/2004	PAOC 18 SB18-118 0-2 ft BGS S-17303-083104-BW-510 08/31/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	1.5	0.05 J	0.18 J	0.5	0.09 J	0.33 U	0.7	0.33 U	0.33 U
Total PCBs	mg/kg	0.33 U	1.5	0.05 J	0.18 J	0.5	0.09 J	0.33 U	0.7	0.33 U	0.33 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-118 2-4 ft BGS S-17303-083104-BW-511 08/31/2004	PAOC 18 SB18-118 6-6 ft BGS S-17303-083104-BW-512 08/31/2004	PAOC 18 SB18-119 7.5-10 ft BGS S-17303-083104-BW-520 08/31/2004	PAOC 18 SB18-119 10-12.5 ft BGS S-17303-083104-BW-521 08/31/2004	PAOC 18 SB18-119 12.5-15 ft BGS S-17303-083104-BW-522 08/31/2004	PAOC 18 SB18-119 15-15 ft BGS S-17303-083104-BW-523 08/31/2004	PAOC 18 SB18-121 10-12.5 ft BGS S-17303-083104-BW-524 08/31/2004	PAOC 18 SB18-121 12.5-15 ft BGS S-17303-083104-BW-525 08/31/2004	PAOC 18 SB18-121 15-17.5 ft BGS S-17303-083104-BW-526 08/31/2004	PAOC 18 SB18-121 20-20 ft BGS S-17303-083104-BW-527 08/31/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	2.37 ^e	115 ^{efi}	8.6 ^e	2.02 ^e	1.21	4.82 ^e	2.75 ^e	2.25 ^e	0.06	0.05 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	5 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-118 2-4 ft BGS S-17303-083104-BW-511 08/31/2004	PAOC 18 SB18-118 6-6 ft BGS S-17303-083104-BW-512 08/31/2004	PAOC 18 SB18-119 7.5-10 ft BGS S-17303-083104-BW-520 08/31/2004	PAOC 18 SB18-119 10-12.5 ft BGS S-17303-083104-BW-521 08/31/2004	PAOC 18 SB18-119 12.5-15 ft BGS S-17303-083104-BW-522 08/31/2004	PAOC 18 SB18-119 15-15 ft BGS S-17303-083104-BW-523 08/31/2004	PAOC 18 SB18-121 10-12.5 ft BGS S-17303-083104-BW-524 08/31/2004	PAOC 18 SB18-121 12.5-15 ft BGS S-17303-083104-BW-525 08/31/2004	PAOC 18 SB18-121 15-17.5 ft BGS S-17303-083104-BW-526 08/31/2004	PAOC 18 SB18-121 20-20 ft BGS S-17303-083104-BW-527 08/31/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	30 U	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	5 U	0.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
p-Xylene	mg/kg	0.1 U	10 U	1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	5 U	0.06 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.17 ^e	345 ^{cefi}	9.1 ^{ei}	0.05 U	0.74 ^e	1.83 ^e	6.43 ^{ei}	3.43 ^e	0.03 J	0.05 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.05 U	21 ^{erhi}	0.5 U	0.67 ^{ei}	0.21 ^e	2.19 ^{ei}	0.05 U	0.05 U	0.05 U	0.05 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-118 2-4 ft BGS S-17303-083104-BW-511 08/31/2004	PAOC 18 SB18-118 6-6 ft BGS S-17303-083104-BW-512 08/31/2004	PAOC 18 SB18-119 7.5-10 ft BGS S-17303-083104-BW-520 08/31/2004	PAOC 18 SB18-119 10-12.5 ft BGS S-17303-083104-BW-521 08/31/2004	PAOC 18 SB18-119 12.5-15 ft BGS S-17303-083104-BW-522 08/31/2004	PAOC 18 SB18-119 15-15 ft BGS S-17303-083104-BW-523 08/31/2004	PAOC 18 SB18-121 10-12.5 ft BGS S-17303-083104-BW-524 08/31/2004	PAOC 18 SB18-121 12.5-15 ft BGS S-17303-083104-BW-525 08/31/2004	PAOC 18 SB18-121 15-17.5 ft BGS S-17303-083104-BW-526 08/31/2004	PAOC 18 SB18-121 20-20 ft BGS S-17303-083104-BW-527 08/31/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-118 2-4 ft BGS S-17303-083104-BW-511 08/31/2004	PAOC 18 SB18-118 6-6 ft BGS S-17303-083104-BW-512 08/31/2004	PAOC 18 SB18-119 7.5-10 ft BGS S-17303-083104-BW-520 08/31/2004	PAOC 18 SB18-119 10-12.5 ft BGS S-17303-083104-BW-521 08/31/2004	PAOC 18 SB18-119 12.5-15 ft BGS S-17303-083104-BW-522 08/31/2004	PAOC 18 SB18-119 15-15 ft BGS S-17303-083104-BW-523 08/31/2004	PAOC 18 SB18-121 10-12.5 ft BGS S-17303-083104-BW-524 08/31/2004	PAOC 18 SB18-121 12.5-15 ft BGS S-17303-083104-BW-525 08/31/2004	PAOC 18 SB18-121 15-17.5 ft BGS S-17303-083104-BW-526 08/31/2004	PAOC 18 SB18-121 20-20 ft BGS S-17303-083104-BW-527 08/31/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	1 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	0.26 J	0.33 U	0.33 U	1	0.33 U	0.33 U	6.2	0.33 U	0.33 U	0.33 U
Total PCBs	mg/kg	0.26 J	0.33 U	0.33 U	1	0.33 U	0.33 U	6.2	0.33 U	0.33 U	0.33 U
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-122 7.5-10 ft BGS S-17303-090104-BW-531 09/01/2004	PAOC 18 SB18-122 10-12.5 ft BGS S-17303-090104-BW-532 09/01/2004	PAOC 18 SB18-122 12.5-15 ft BGS S-17303-090104-BW-533 09/01/2004	PAOC 18 SB18-122 15-17.5 ft BGS S-17303-090104-BW-534 09/01/2004	PAOC 18 SB18-122 17.5-20 ft BGS S-17303-090104-BW-535 09/01/2004	PAOC 18 SB18-123 0-2.5 ft BGS S-17303-090104-BW-536 09/01/2004	PAOC 18 SB18-123 2.5-5 ft BGS S-17303-090104-BW-537 09/01/2004	PAOC 18 SB18-123 5-7.5 ft BGS S-17303-090104-BW-538 09/01/2004	PAOC 18 SB18-123 7.5-10 ft BGS S-17303-090104-BW-539 09/01/2004	PAOC 18 SB18-123 10-12.5 ft BGS S-17303-090104-BW-540 09/01/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	5.2 ^e	18.4 ^{ei}	53.0 ^{effi}	60 ^{effi}	0.06	0.06	0.13	0.2 U	0.3	25.5 ^{ei}
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.5 U	0.8 ⁱ	1.2 ⁱ	10 U	0.05 U	0.009 J	0.05 U	0.2 U	0.2 U	1.5 ⁱ
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-122 7.5-10 ft BGS S-17303-090104-BW-531 09/01/2004	PAOC 18 SB18-122 10-12.5 ft BGS S-17303-090104-BW-532 09/01/2004	PAOC 18 SB18-122 12.5-15 ft BGS S-17303-090104-BW-533 09/01/2004	PAOC 18 SB18-122 15-17.5 ft BGS S-17303-090104-BW-534 09/01/2004	PAOC 18 SB18-122 17.5-20 ft BGS S-17303-090104-BW-535 09/01/2004	PAOC 18 SB18-123 0-2.5 ft BGS S-17303-090104-BW-536 09/01/2004	PAOC 18 SB18-123 2.5-5 ft BGS S-17303-090104-BW-537 09/01/2004	PAOC 18 SB18-123 5-7.5 ft BGS S-17303-090104-BW-538 09/01/2004	PAOC 18 SB18-123 7.5-10 ft BGS S-17303-090104-BW-539 09/01/2004	PAOC 18 SB18-123 10-12.5 ft BGS S-17303-090104-BW-540 09/01/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	3 U	3 U	3 U	50 U	0.3 U	0.3 U	0.3 U	1 U	1 U	3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.5 U	0.06 J	0.5 U	10 U	0.05 U	0.02 J	0.05 U	0.2 U	0.2 U	1.6
p-Xylene	mg/kg	1 U	1	1	20 U	0.1 U	0.05 J	0.1 U	0.4 U	0.4 U	7 ^e
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.5 U	0.5 U	1.3	10 U	0.05 U	0.02 J	0.05 U	0.2 U	0.2 U	0.6
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	32.4 ^{ei}	56.3 ^{efi}	19.5 ^{ei}	300 ^{efi}	0.08	3.15 ^e	5.44 ^{ei}	5.0 ^{ei}	4.6 ^{ei}	5.2 ^{ei}
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.5 U	0.5 U	0.5 U	10 U	0.05 U	0.05 U	0.05 U	0.2 U	0.2 U	0.6 ^{ei}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
SVOCs											

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-122 7.5-10 ft BGS S-17303-090104-BW-531 09/01/2004	PAOC 18 SB18-122 10-12.5 ft BGS S-17303-090104-BW-532 09/01/2004	PAOC 18 SB18-122 12.5-15 ft BGS S-17303-090104-BW-533 09/01/2004	PAOC 18 SB18-122 15-17.5 ft BGS S-17303-090104-BW-534 09/01/2004	PAOC 18 SB18-122 17.5-20 ft BGS S-17303-090104-BW-535 09/01/2004	PAOC 18 SB18-123 0-2.5 ft BGS S-17303-090104-BW-536 09/01/2004	PAOC 18 SB18-123 2.5-5 ft BGS S-17303-090104-BW-537 09/01/2004	PAOC 18 SB18-123 5-7.5 ft BGS S-17303-090104-BW-538 09/01/2004	PAOC 18 SB18-123 7.5-10 ft BGS S-17303-090104-BW-539 09/01/2004	PAOC 18 SB18-123 10-12.5 ft BGS S-17303-090104-BW-540 09/01/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-122	SB18-122	SB18-122	SB18-122	SB18-122	SB18-123	SB18-123	SB18-123	SB18-123
Sample Depth:		7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS
Sample ID:		S-17303-090104-BW-531	S-17303-090104-BW-532	S-17303-090104-BW-533	S-17303-090104-BW-534	S-17303-090104-BW-535	S-17303-090104-BW-536	S-17303-090104-BW-537	S-17303-090104-BW-538	S-17303-090104-BW-539
Sample Date:		09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004
Sample Type:										
Parameter:		Units								
Fluoranthene		mg/kg	-	-	-	-	-	-	-	-
Fluorene		mg/kg	-	-	-	-	-	-	-	-
Hexachlorobenzene		mg/kg	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene		mg/kg	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-
Naphthalene		mg/kg	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine		mg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol		mg/kg	-	-	-	-	-	-	-	-
Phenanthrene		mg/kg	-	-	-	-	-	-	-	-
Phenol		mg/kg	-	-	-	-	-	-	-	-
Pyrene		mg/kg	-	-	-	-	-	-	-	-
Inorganics										
Aluminum		mg/kg	-	-	-	-	-	-	-	-
Antimony		mg/kg	-	-	-	-	-	-	-	-
Arsenic		mg/kg	-	-	-	-	-	-	-	-
Barium		mg/kg	-	-	-	-	-	-	-	-
Beryllium		mg/kg	-	-	-	-	-	-	-	-
Cadmium		mg/kg	-	-	-	-	-	-	-	-
Calcium		mg/kg	-	-	-	-	-	-	-	-
Chromium		mg/kg	-	-	-	-	-	-	-	-
Chromium III (trivalent)		mg/kg	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)		mg/kg	-	-	-	-	-	-	-	-
Cobalt		mg/kg	-	-	-	-	-	-	-	-
Copper		mg/kg	-	-	-	-	-	-	-	-
Iron		mg/kg	-	-	-	-	-	-	-	-
Lead		mg/kg	-	-	-	-	-	-	-	-
Lead - coarse fraction		mg/kg	-	-	-	-	-	-	-	-
Lead - fine fraction		mg/kg	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)		mg/kg	-	-	-	-	-	-	-	-
Magnesium		mg/kg	-	-	-	-	-	-	-	-
Manganese		mg/kg	-	-	-	-	-	-	-	-
Mercury		mg/kg	-	-	-	-	-	-	-	-
Nickel		mg/kg	-	-	-	-	-	-	-	-
Potassium		mg/kg	-	-	-	-	-	-	-	-
Selenium		mg/kg	-	-	-	-	-	-	-	-
Silver		mg/kg	-	-	-	-	-	-	-	-
Sodium		mg/kg	-	-	-	-	-	-	-	-
Thallium		mg/kg	-	-	-	-	-	-	-	-
Vanadium		mg/kg	-	-	-	-	-	-	-	-
Zinc		mg/kg	-	-	-	-	-	-	-	-
Cyanide (total)		mg/kg	-	-	-	-	-	-	-	-
TCLP Metals										

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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-122	SB18-122	SB18-122	SB18-122	SB18-122	SB18-123	SB18-123	SB18-123	SB18-123	SB18-123
Sample Depth:		7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS
Sample ID:		S-17303-090104-BW-531	S-17303-090104-BW-532	S-17303-090104-BW-533	S-17303-090104-BW-534	S-17303-090104-BW-535	S-17303-090104-BW-536	S-17303-090104-BW-537	S-17303-090104-BW-538	S-17303-090104-BW-539	S-17303-090104-BW-540
Sample Date:		09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004
Sample Type:											
Parameter:		Units									
Arsenic		mg/L	-	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	15 U	0.33 U
Aroclor-1221 (PCB-1221)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	15 U	0.33 U
Aroclor-1232 (PCB-1232)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	15 U	0.33 U
Aroclor-1242 (PCB-1242)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	15 U	0.33 U
Aroclor-1248 (PCB-1248)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	15 U	0.33 U
Aroclor-1254 (PCB-1254)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	15 U	0.33 U
Aroclor-1260 (PCB-1260)		mg/kg	3.5	3	0.33 U	0.33 U	0.33 U	2.1	3	90 ^d	3.2
Total PCBs		mg/kg	3.5	3	0.33 U	0.33 U	0.4	2.1	3	90 ^d	3.2
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-123 12.5-15 ft BGS S-17303-090104-BW-541 09/01/2004	PAOC 18 SB18-123 15-17.5 ft BGS S-17303-090104-BW-542 09/01/2004	PAOC 18 SB18-123 17.5-20 ft BGS S-17303-090104-BW-543 09/01/2004	PAOC 18 SB18-124 10-12.5 ft BGS S-17303-090104-BW-548 09/01/2004	PAOC 18 SB18-124 12.5-15 ft BGS S-17303-090104-BW-549 09/01/2004	PAOC 18 SB18-124 20-20 ft BGS S-17303-090104-BW-550 09/01/2004	PAOC 18 SB18-125 10-12.5 ft BGS S-17303-090204-BW-555 09/02/2004	PAOC 18 SB18-125 12.5-15 ft BGS S-17303-090204-BW-556 09/02/2004	PAOC 18 SB18-125 15-17.5 ft BGS S-17303-090204-BW-557 09/02/2004	PAOC 18 SB18-125 17.5-20 ft BGS S-17303-090204-BW-558 09/02/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	42.4 ^{efi}	0.11	13.0 ^{ei}	0.4	0.05 U	-	800 ^{bcd ef hij}	0.93	0.02 J
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	0.3 U	0.05 U	0.5 U	0.2 U	0.05 U	7.4 ^{ei}	45 J ^{ei}	0.05 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-123	SB18-123	SB18-123	SB18-124	SB18-124	SB18-124	SB18-125	SB18-125	SB18-125	SB18-125
Sample Depth:		12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	20-20 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS
Sample ID:		S-17303-090104-BW-541	S-17303-090104-BW-542	S-17303-090104-BW-543	S-17303-090104-BW-548	S-17303-090104-BW-549	S-17303-090104-BW-550	S-17303-090204-BW-555	S-17303-090204-BW-556	S-17303-090204-BW-557	S-17303-090204-BW-558
Sample Date:		09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004
Sample Type:											
Parameter:		Units									
Methyl cyclohexane		mg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)		mg/kg	-	-	-	-	-	-	-	-	-
Methylene chloride		mg/kg	-	1 U	0.3 U	3 U	1 U	0.3 U	3 U	500 U	0.3 U
Naphthalene		mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene		mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene		mg/kg	-	0.3 U	0.05 U	0.5 U	0.2 U	0.05 U	15.0 ^e	77 J ^e	0.05 U
p-Xylene		mg/kg	-	0.5 U	0.05 J	1 U	0.4 U	0.1 U	43 ^e	300 ^{defhij}	0.02 J
Styrene		mg/kg	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/kg	-	-	-	-	-	-	-	-	-
Toluene		mg/kg	-	0.3 U	0.05 U	0.5 U	0.2 U	0.05 U	7.7 ⁱ	87 J ^{ei}	0.05 U
trans-1,2-Dichloroethene		mg/kg	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene		mg/kg	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene		mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/kg	-	0.3 ^e	0.05	68.5 ^{efi}	6.9 ^{ei}	0.05 U	249.0 ^{efi}	10800 ^{bcd efhij}	0.83 ^e
Trichlorofluoromethane (CFC-11)		mg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)		mg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/kg	-	5.8 ^{efi}	0.05 U	0.5 U	0.3 ^{ei}	0.05 U	1.8 ^{ei}	100 U	2.18 ^{ei}
Xylenes (total)		mg/kg	-	-	-	-	-	-	-	-	-
01 SPLP VOCs											
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes		mg/L	-	-	-	-	-	-	-	-	-
o-Xylene		mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)		mg/L	-	-	-	-	-	-	-	-	-
TCLP VOCs											
1,1-Dichloroethene		mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane		mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene		mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)		mg/L	-	-	-	-	-	-	-	-	-
Benzene		mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride		mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene		mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)		mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene		mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene		mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride		mg/L	-	-	-	-	-	-	-	-	-
SVOCs											

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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-123 12.5-15 ft BGS S-17303-090104-BW-541 09/01/2004	PAOC 18 SB18-123 15-17.5 ft BGS S-17303-090104-BW-542 09/01/2004	PAOC 18 SB18-123 17.5-20 ft BGS S-17303-090104-BW-543 09/01/2004	PAOC 18 SB18-124 10-12.5 ft BGS S-17303-090104-BW-548 09/01/2004	PAOC 18 SB18-124 12.5-15 ft BGS S-17303-090104-BW-549 09/01/2004	PAOC 18 SB18-124 20-20 ft BGS S-17303-090104-BW-550 09/01/2004	PAOC 18 SB18-125 10-12.5 ft BGS S-17303-090204-BW-555 09/02/2004	PAOC 18 SB18-125 12.5-15 ft BGS S-17303-090204-BW-556 09/02/2004	PAOC 18 SB18-125 15-17.5 ft BGS S-17303-090204-BW-557 09/02/2004	PAOC 18 SB18-125 17.5-20 ft BGS S-17303-090204-BW-558 09/02/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-123 12.5-15 ft BGS S-17303-090104-BW-541 09/01/2004	PAOC 18 SB18-123 15-17.5 ft BGS S-17303-090104-BW-542 09/01/2004	PAOC 18 SB18-123 17.5-20 ft BGS S-17303-090104-BW-543 09/01/2004	PAOC 18 SB18-124 10-12.5 ft BGS S-17303-090104-BW-548 09/01/2004	PAOC 18 SB18-124 12.5-15 ft BGS S-17303-090104-BW-549 09/01/2004	PAOC 18 SB18-124 20-20 ft BGS S-17303-090104-BW-550 09/01/2004	PAOC 18 SB18-125 10-12.5 ft BGS S-17303-090204-BW-555 09/02/2004	PAOC 18 SB18-125 12.5-15 ft BGS S-17303-090204-BW-556 09/02/2004	PAOC 18 SB18-125 15-17.5 ft BGS S-17303-090204-BW-557 09/02/2004	PAOC 18 SB18-125 17.5-20 ft BGS S-17303-090204-BW-558 09/02/2004
Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

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YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-123	SB18-123	SB18-123	SB18-124	SB18-124	SB18-124	SB18-125	SB18-125	SB18-125	SB18-125
Sample Depth:		12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	20-20 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS
Sample ID:		S-17303-090104-BW-541	S-17303-090104-BW-542	S-17303-090104-BW-543	S-17303-090104-BW-548	S-17303-090104-BW-549	S-17303-090104-BW-550	S-17303-090204-BW-555	S-17303-090204-BW-556	S-17303-090204-BW-557	S-17303-090204-BW-558
Sample Date:		09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/01/2004	09/02/2004	09/02/2004	09/02/2004	09/02/2004
Sample Type:											
Parameter:		Units									
Arsenic		mg/L	-	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)		mg/kg	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	5 U	50 U	0.33 U
Aroclor-1221 (PCB-1221)		mg/kg	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	5 U	50 U	0.33 U
Aroclor-1232 (PCB-1232)		mg/kg	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	5 U	50 U	0.33 U
Aroclor-1242 (PCB-1242)		mg/kg	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	5 U	50 U	0.33 U
Aroclor-1248 (PCB-1248)		mg/kg	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	5 U	50 U	0.33 U
Aroclor-1254 (PCB-1254)		mg/kg	10 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	5 U	50 U	0.33 U
Aroclor-1260 (PCB-1260)		mg/kg	100 ^d	0.4	0.33 U	0.33 U	0.33 U	0.33 U	26 ^d	238 ^d	0.13 J
Total PCBs		mg/kg	100 ^d	0.4	0.33 U	0.33 U	0.33 U	0.33 U	26 ^d	238 ^d	0.13 J
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-129 7.5-10 ft BGS S-17303-090204-BW-581 09/02/2004	PAOC 18 SB18-129 17-19 ft BGS S-17303-090204-BW-582 09/02/2004	PAOC 18 SB18-129 20-20 ft BGS S-17303-090204-BW-583 09/02/2004	PAOC 18 SB18-134 0-2.5 ft BGS S-17303-090904-DCR-589 09/09/2004	PAOC 18 SB18-134 2.5-5 ft BGS S-17303-090904-DCR-590 09/09/2004	PAOC 18 SB18-135 0-2.5 ft BGS S-17303-090904-DCR-591 09/09/2004	PAOC 18 SB18-135 2.5-5 ft BGS S-17303-090904-DCR-592 09/09/2004	PAOC 18 SB18-135 5-7.5 ft BGS S-17303-090904-DCR-593 09/09/2004	PAOC 18 SB18-135 7.5-10 ft BGS S-17303-090904-DCR-594 09/09/2004	PAOC 18 SB18-136 0-2.5 ft BGS S-17303-090904-DCR-595 09/09/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	4.35 ^e	8.76 ^e	45 ^{eff}	1.13	0.9	0.05 U	0.01 J	1.82 ^e	0.54	0.05 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.16	5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.03 J	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-129 7.5-10 ft BGS S-17303-090204-BW-581 09/02/2004	PAOC 18 SB18-129 17-19 ft BGS S-17303-090204-BW-582 09/02/2004	PAOC 18 SB18-129 20-20 ft BGS S-17303-090204-BW-583 09/02/2004	PAOC 18 SB18-134 0-2.5 ft BGS S-17303-090904-DCR-589 09/09/2004	PAOC 18 SB18-134 2.5-5 ft BGS S-17303-090904-DCR-590 09/09/2004	PAOC 18 SB18-135 0-2.5 ft BGS S-17303-090904-DCR-591 09/09/2004	PAOC 18 SB18-135 2.5-5 ft BGS S-17303-090904-DCR-592 09/09/2004	PAOC 18 SB18-135 5-7.5 ft BGS S-17303-090904-DCR-593 09/09/2004	PAOC 18 SB18-135 7.5-10 ft BGS S-17303-090904-DCR-594 09/09/2004	PAOC 18 SB18-136 0-2.5 ft BGS S-17303-090904-DCR-595 09/09/2004
	Units										
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	0.3 U	30 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.05	5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.03 J	0.05 U
p-Xylene	mg/kg	0.1 U	0.3	10 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.02 J	0.1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.02 J	0.40	4 J	0.05 U	0.05 U	0.05 U	0.05 U	0.02 J	0.05 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.02 J	-	349 ^{cefi}	0.05 U	0.02 J	0.05 U	0.43 ^e	8.53 ^{ei}	3.4 ^e	0.02 J
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.19 ^e	0.54 ^{ei}	5 U	1.06 ^{ei}	3.65 ^{efi}	0.05 U	0.05 U	0.14 ^e	0.19 ^e	0.05 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-	-

SVOCs

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COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-129 7.5-10 ft BGS S-17303-090204-BW-581 09/02/2004	PAOC 18 SB18-129 17-19 ft BGS S-17303-090204-BW-582 09/02/2004	PAOC 18 SB18-129 20-20 ft BGS S-17303-090204-BW-583 09/02/2004	PAOC 18 SB18-134 0-2.5 ft BGS S-17303-090904-DCR-589 09/09/2004	PAOC 18 SB18-134 2.5-5 ft BGS S-17303-090904-DCR-590 09/09/2004	PAOC 18 SB18-135 0-2.5 ft BGS S-17303-090904-DCR-591 09/09/2004	PAOC 18 SB18-135 2.5-5 ft BGS S-17303-090904-DCR-592 09/09/2004	PAOC 18 SB18-135 5-7.5 ft BGS S-17303-090904-DCR-593 09/09/2004	PAOC 18 SB18-135 7.5-10 ft BGS S-17303-090904-DCR-594 09/09/2004	PAOC 18 SB18-136 0-2.5 ft BGS S-17303-090904-DCR-595 09/09/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-129 7.5-10 ft BGS S-17303-090204-BW-581 09/02/2004	PAOC 18 SB18-129 17-19 ft BGS S-17303-090204-BW-582 09/02/2004	PAOC 18 SB18-129 20-20 ft BGS S-17303-090204-BW-583 09/02/2004	PAOC 18 SB18-134 0-2.5 ft BGS S-17303-090904-DCR-589 09/09/2004	PAOC 18 SB18-134 2.5-5 ft BGS S-17303-090904-DCR-590 09/09/2004	PAOC 18 SB18-135 0-2.5 ft BGS S-17303-090904-DCR-591 09/09/2004	PAOC 18 SB18-135 2.5-5 ft BGS S-17303-090904-DCR-592 09/09/2004	PAOC 18 SB18-135 5-7.5 ft BGS S-17303-090904-DCR-593 09/09/2004	PAOC 18 SB18-135 7.5-10 ft BGS S-17303-090904-DCR-594 09/09/2004	PAOC 18 SB18-136 0-2.5 ft BGS S-17303-090904-DCR-595 09/09/2004
	Units										
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
TCLP Metals											

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-129 7.5-10 ft BGS S-17303-090204-BW-581 09/02/2004	PAOC 18 SB18-129 17-19 ft BGS S-17303-090204-BW-582 09/02/2004	PAOC 18 SB18-129 20-20 ft BGS S-17303-090204-BW-583 09/02/2004	PAOC 18 SB18-134 0-2.5 ft BGS S-17303-090904-DCR-589 09/09/2004	PAOC 18 SB18-134 2.5-5 ft BGS S-17303-090904-DCR-590 09/09/2004	PAOC 18 SB18-135 0-2.5 ft BGS S-17303-090904-DCR-591 09/09/2004	PAOC 18 SB18-135 2.5-5 ft BGS S-17303-090904-DCR-592 09/09/2004	PAOC 18 SB18-135 5-7.5 ft BGS S-17303-090904-DCR-593 09/09/2004	PAOC 18 SB18-135 7.5-10 ft BGS S-17303-090904-DCR-594 09/09/2004	PAOC 18 SB18-136 0-2.5 ft BGS S-17303-090904-DCR-595 09/09/2004
	Units										
Arsenic	mg/L	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Total PCBs	mg/kg	0.33 U	0.33 U	0.33 U	-	-	-	-	-	-	-
Petroleum Hydrocarbons											
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background level:
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-137	SB18-137
Sample Depth:		2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	0-2 ft BGS	2-4 ft BGS
Sample ID:		S-17303-090904-DCR-596	S-17303-090904-DCR-597	S-17303-090904-DCR-598	S-17303-090904-DCR-599	S-17303-090904-DCR-600	S-17303-090904-DCR-601	S-17303-090904-DCR-602	S-17303-090904-DCR-603	S-17303-090904-DCR-604
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.05 U	0.05 U	1.55 ^e	1.96 ^e	0.04 J	0.1	0.05 U	24.1 ^{ei}	93.2 ^{efi}
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.3 U	0.8 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-

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YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-137	SB18-137
Sample Depth:		2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	0-2 ft BGS	2-4 ft BGS
Sample ID:		S-17303-090904-DCR-596	S-17303-090904-DCR-597	S-17303-090904-DCR-598	S-17303-090904-DCR-599	S-17303-090904-DCR-600	S-17303-090904-DCR-601	S-17303-090904-DCR-602	S-17303-090904-DCR-603	S-17303-090904-DCR-604
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004
Sample Type:										
Parameter:	Units									
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1 U	4 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.3 U	0.8 U
p-Xylene	mg/kg	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.5 U	2 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.3 U	0.8 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.05 U	0.19 ^e	1.3 ^e	1.4 ^e	0.01 J	0.05 U	0.05 U	0.08 J	3 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.19 ^e	0.05 U	0.4 ^{ei}	15.2 ^{efi}
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-136 2.5-5 ft BGS S-17303-090904-DCR-596 09/09/2004	PAOC 18 SB18-136 5-7.5 ft BGS S-17303-090904-DCR-597 09/09/2004	PAOC 18 SB18-136 7.5-10 ft BGS S-17303-090904-DCR-598 09/09/2004	PAOC 18 SB18-136 10-12.5 ft BGS S-17303-090904-DCR-599 09/09/2004	PAOC 18 SB18-136 12.5-15 ft BGS S-17303-090904-DCR-600 09/09/2004	PAOC 18 SB18-136 15-17.5 ft BGS S-17303-090904-DCR-601 09/09/2004	PAOC 18 SB18-136 17.5-20 ft BGS S-17303-090904-DCR-602 09/09/2004	PAOC 18 SB18-137 0-2 ft BGS S-17303-090904-DCR-603 09/09/2004	PAOC 18 SB18-137 2-4 ft BGS S-17303-090904-DCR-604 09/09/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-137	SB18-137
Sample Depth:		2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	0-2 ft BGS	2-4 ft BGS
Sample ID:		S-17303-090904-DCR-596	S-17303-090904-DCR-597	S-17303-090904-DCR-598	S-17303-090904-DCR-599	S-17303-090904-DCR-600	S-17303-090904-DCR-601	S-17303-090904-DCR-602	S-17303-090904-DCR-603	S-17303-090904-DCR-604
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004
Sample Type:										
Parameter:	Units									
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Inorganics										
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-
TCLP Metals										

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-136	SB18-137	SB18-137
Sample Depth:		2.5-5 ft BGS	5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	0-2 ft BGS	2-4 ft BGS
Sample ID:		S-17303-090904-DCR-596	S-17303-090904-DCR-597	S-17303-090904-DCR-598	S-17303-090904-DCR-599	S-17303-090904-DCR-600	S-17303-090904-DCR-601	S-17303-090904-DCR-602	S-17303-090904-DCR-603	S-17303-090904-DCR-604
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004
Sample Type:										
Parameter:	Units									
Arsenic	mg/L	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-137	SB18-138	SB18-138	SB18-139	SB18-139	SB18-139	SB18-140	SB18-144	SB18-144
Sample Depth:		4-6 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	17.5-20 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS
Sample ID:		S-17303-090904-DCR-605	S-17303-090904-DCR-606	S-17303-090904-DCR-607	S-17303-090904-DCR-608	S-17303-090904-DCR-609	S-17303-090904-DCR-610	S-17303-091004-DCR-611	S-17303-091004-DCR-612	S-17303-091004-DCR-613
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/10/2004	09/10/2004	09/10/2004
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	-
Acetone	mg/kg	-	-	-	-	-	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	-
Bromoform	mg/kg	-	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.009 J	630 ^{bcefi}	1.24	0.25	0.02 J	9.13 ^e	0.05	0.05 U	0.05 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.8 J ⁱ	0.05 U	0.05 U	0.13	0.05 U	0.05 U	0.05 U	0.05 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-137	SB18-138	SB18-138	SB18-139	SB18-139	SB18-139	SB18-140	SB18-144	SB18-144
Sample Depth:		4-6 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	17.5-20 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS
Sample ID:		S-17303-090904-DCR-605	S-17303-090904-DCR-606	S-17303-090904-DCR-607	S-17303-090904-DCR-608	S-17303-090904-DCR-609	S-17303-090904-DCR-610	S-17303-091004-DCR-611	S-17303-091004-DCR-612	S-17303-091004-DCR-613
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/10/2004	09/10/2004	09/10/2004
Sample Type:										
Parameter:		Units								
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.3 U	10 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	1 J	0.05 U	0.05 U	0.16	0.05 U	0.05 U	0.05 U	0.05 U
p-Xylene	mg/kg	0.1 U	4 J	0.1 U	0.1 U	0.5	0.1 U	0.1 U	0.1 U	0.1 U
Styrene	mg/kg	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	0.05 U	4	0.05 U	0.05 U	0.01 J	0.05 U	0.05 U	0.05 U	0.05 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.05 U	126 ^{efi}	0.05 U	0.05	0.05 U	0.02 J	0.04 J	0.13 ^e	0.02 J
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	3.86 ^{efi}	32 ^{cephi}	1.76 ^{ei}	0.05 U	0.1 ^e	3.49 ^{efi}	3.44 ^{efi}	0.05 U	0.05 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-
01 SPLP VOCs										
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-
TCLP VOCs										
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
SVOCs										

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-137 4-6 ft BGS S-17303-090904-DCR-605 09/09/2004	PAOC 18 SB18-138 0-2.5 ft BGS S-17303-090904-DCR-606 09/09/2004	PAOC 18 SB18-138 2.5-5 ft BGS S-17303-090904-DCR-607 09/09/2004	PAOC 18 SB18-139 0-2.5 ft BGS S-17303-090904-DCR-608 09/09/2004	PAOC 18 SB18-139 2.5-5 ft BGS S-17303-090904-DCR-609 09/09/2004	PAOC 18 SB18-139 5-7.5 ft BGS S-17303-090904-DCR-610 09/09/2004	PAOC 18 SB18-140 17.5-20 ft BGS S-17303-091004-DCR-611 09/10/2004	PAOC 18 SB18-144 0-2.5 ft BGS S-17303-091004-DCR-612 09/10/2004	PAOC 18 SB18-144 2.5-5 ft BGS S-17303-091004-DCR-613 09/10/2004
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-137	SB18-138	SB18-138	SB18-139	SB18-139	SB18-139	SB18-140	SB18-144	SB18-144
Sample Depth:		4-6 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS	5-7.5 ft BGS	17.5-20 ft BGS	0-2.5 ft BGS	2.5-5 ft BGS
Sample ID:		S-17303-090904-DCR-605	S-17303-090904-DCR-606	S-17303-090904-DCR-607	S-17303-090904-DCR-608	S-17303-090904-DCR-609	S-17303-090904-DCR-610	S-17303-091004-DCR-611	S-17303-091004-DCR-612	S-17303-091004-DCR-613
Sample Date:		09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/09/2004	09/10/2004	09/10/2004	09/10/2004
Sample Type:										
Parameter:		Units								
Fluoranthene		mg/kg	-	-	-	-	-	-	-	-
Fluorene		mg/kg	-	-	-	-	-	-	-	-
Hexachlorobenzene		mg/kg	-	-	-	-	-	-	-	-
Hexachlorobutadiene		mg/kg	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene		mg/kg	-	-	-	-	-	-	-	-
Hexachloroethane		mg/kg	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene		mg/kg	-	-	-	-	-	-	-	-
Isophorone		mg/kg	-	-	-	-	-	-	-	-
Naphthalene		mg/kg	-	-	-	-	-	-	-	-
Nitrobenzene		mg/kg	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine		mg/kg	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine		mg/kg	-	-	-	-	-	-	-	-
Pentachlorophenol		mg/kg	-	-	-	-	-	-	-	-
Phenanthrene		mg/kg	-	-	-	-	-	-	-	-
Phenol		mg/kg	-	-	-	-	-	-	-	-
Pyrene		mg/kg	-	-	-	-	-	-	-	-
Inorganics										
Aluminum		mg/kg	-	-	-	-	-	-	-	-
Antimony		mg/kg	-	-	-	-	-	-	-	-
Arsenic		mg/kg	-	-	-	-	-	-	-	-
Barium		mg/kg	-	-	-	-	-	-	-	-
Beryllium		mg/kg	-	-	-	-	-	-	-	-
Cadmium		mg/kg	-	-	-	-	-	-	-	-
Calcium		mg/kg	-	-	-	-	-	-	-	-
Chromium		mg/kg	-	-	-	-	-	-	-	-
Chromium III (trivalent)		mg/kg	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)		mg/kg	-	-	-	-	-	-	-	-
Cobalt		mg/kg	-	-	-	-	-	-	-	-
Copper		mg/kg	-	-	-	-	-	-	-	-
Iron		mg/kg	-	-	-	-	-	-	-	-
Lead		mg/kg	-	-	-	-	-	-	-	-
Lead - coarse fraction		mg/kg	-	-	-	-	-	-	-	-
Lead - fine fraction		mg/kg	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)		mg/kg	-	-	-	-	-	-	-	-
Magnesium		mg/kg	-	-	-	-	-	-	-	-
Manganese		mg/kg	-	-	-	-	-	-	-	-
Mercury		mg/kg	-	-	-	-	-	-	-	-
Nickel		mg/kg	-	-	-	-	-	-	-	-
Potassium		mg/kg	-	-	-	-	-	-	-	-
Selenium		mg/kg	-	-	-	-	-	-	-	-
Silver		mg/kg	-	-	-	-	-	-	-	-
Sodium		mg/kg	-	-	-	-	-	-	-	-
Thallium		mg/kg	-	-	-	-	-	-	-	-
Vanadium		mg/kg	-	-	-	-	-	-	-	-
Zinc		mg/kg	-	-	-	-	-	-	-	-
Cyanide (total)		mg/kg	-	-	-	-	-	-	-	-
TCLP Metals										

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-137 4-6 ft BGS S-17303-090904-DCR-605 09/09/2004	PAOC 18 SB18-138 0-2.5 ft BGS S-17303-090904-DCR-606 09/09/2004	PAOC 18 SB18-138 2.5-5 ft BGS S-17303-090904-DCR-607 09/09/2004	PAOC 18 SB18-139 0-2.5 ft BGS S-17303-090904-DCR-608 09/09/2004	PAOC 18 SB18-139 2.5-5 ft BGS S-17303-090904-DCR-609 09/09/2004	PAOC 18 SB18-139 5-7.5 ft BGS S-17303-090904-DCR-610 09/09/2004	PAOC 18 SB18-140 17.5-20 ft BGS S-17303-091004-DCR-611 09/10/2004	PAOC 18 SB18-144 0-2.5 ft BGS S-17303-091004-DCR-612 09/10/2004	PAOC 18 SB18-144 2.5-5 ft BGS S-17303-091004-DCR-613 09/10/2004
	Units									
Arsenic	mg/L	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.7	0.33 U
Total PCBs	mg/kg	-	-	-	0.33 U	0.33 U	0.33 U	0.33 U	0.7	0.33 U
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-144 5-7.5 ft BGS S-17303-091004-DCR-614 09/10/2004	PAOC 18 SB18-144 7.5-10 ft BGS S-17303-091004-DCR-615 09/10/2004	PAOC 18 SB18-144 10-12.5 ft BGS S-17303-091004-DCR-616 09/10/2004	PAOC 18 SB18-144 12.5-15 ft BGS S-17303-091004-DCR-617 09/10/2004	PAOC 18 SB18-144 15-17.5 ft BGS S-17303-091004-DCR-624 09/10/2004	PAOC 18 SB18-144 17.5-20 ft BGS S-17303-091004-DCR-625 09/10/2004	PAOC 18 TP18-05 9-9 ft BGS L-17303-090804-BW-584 09/08/2004	PAOC 18 TP18-05 9-9 ft BGS S-17303-090804-BW-585 09/08/2004	PAOC 18 SB18-200 17-18 ft BGS SO-17303-060605-DR-0746 06/06/2005
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.23 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	-	-	0.23 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	0.23 U
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.091 U
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.091 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.091 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	-	-	0.68 U
2-Hexanone	mg/kg	-	-	-	-	-	-	-	-	2.3 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	-	-	2.3 U
Acetone	mg/kg	-	-	-	-	-	-	-	-	0.68 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-	-	-	-	-	0.091 UJ
Bromoform	mg/kg	-	-	-	-	-	-	-	-	0.091 U
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	-	-	0.18 U
Carbon disulfide	mg/kg	-	-	-	-	-	-	-	-	0.23 U
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	0.23 U
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	-	-	0.23 U
cis-1,2-Dichloroethene	mg/kg	0.05 U	14.3 ^{ei}	27.1 ^{ei}	8.7 ^e	0.97	0.05 U	-	-	0.017 J
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	0.046 UJ
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	1.1 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	0.091 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.05 U	0.5 U	0.5 U	0.1 U	0.05 U	0.05 U	-	-	0.046 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-	-	-	-	-	0.23 U
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	1.1 U

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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-144	SB18-144	SB18-144	SB18-144	SB18-144	SB18-144	TP18-05	TP18-05	SB18-200
Sample Depth:		5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	9-9 ft BGS	9-9 ft BGS	17-18 ft BGS
Sample ID:		S-17303-091004-DCR-614	S-17303-091004-DCR-615	S-17303-091004-DCR-616	S-17303-091004-DCR-617	S-17303-091004-DCR-624	S-17303-091004-DCR-625	L-17303-090804-BW-584	S-17303-090804-BW-585	SO-17303-060605-DR-0746
Sample Date:		09/10/2004	09/10/2004	09/10/2004	09/10/2004	09/10/2004	09/10/2004	09/08/2004	09/08/2004	06/06/2005
Sample Type:										
Parameter:	Units									
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	1.1 U
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	0.23 U
Methylene chloride	mg/kg	0.3 U	3 U	3 U	0.5 U	0.3 U	0.3 U	-	-	0.23 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	0.05 U	0.5 U	0.5 U	0.1 U	0.05 U	0.05 U	-	-	-
p-Xylene	mg/kg	0.1 U	1 U	1 U	0.2 U	0.1 U	0.1 U	-	-	-
Styrene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Tetrachloroethene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
Toluene	mg/kg	0.05 U	0.5 U	0.5 U	0.03 J	0.05 U	0.05 U	-	-	0.091 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	0.046 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.07	32.7 ^{ei}	69.9 ^{efi}	0.3 ^e	0.03 J	0.04 J	-	-	0.046 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	0.091 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	0.23 U
Vinyl chloride	mg/kg	0.05 U	0.5 U	0.5 U	0.8 ^{ei}	1.08 ^{ei}	0.05 U	-	-	0.036 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	0.14 U

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	10 U	1 U	-
Benzene	mg/L	-	-	-	-	-	-	1 U	0.2	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
Chlorobenzene	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	1 U	0.1 U	-
Trichloroethene	mg/L	-	-	-	-	-	-	48 Y	7.9	-
Vinyl chloride	mg/L	-	-	-	-	-	-	5 Y	0.7	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-144 5-7.5 ft BGS S-17303-091004-DCR-614 09/10/2004	PAOC 18 SB18-144 7.5-10 ft BGS S-17303-091004-DCR-615 09/10/2004	PAOC 18 SB18-144 10-12.5 ft BGS S-17303-091004-DCR-616 09/10/2004	PAOC 18 SB18-144 12.5-15 ft BGS S-17303-091004-DCR-617 09/10/2004	PAOC 18 SB18-144 15-17.5 ft BGS S-17303-091004-DCR-624 09/10/2004	PAOC 18 SB18-144 17.5-20 ft BGS S-17303-091004-DCR-625 09/10/2004	PAOC 18 TP18-05 9-9 ft BGS L-17303-090804-BW-584 09/08/2004	PAOC 18 TP18-05 9-9 ft BGS S-17303-090804-BW-585 09/08/2004	PAOC 18 SB18-200 17-18 ft BGS SO-17303-060605-DR-0746 06/06/2005
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-144 5-7.5 ft BGS S-17303-091004-DCR-614 09/10/2004	PAOC 18 SB18-144 7.5-10 ft BGS S-17303-091004-DCR-615 09/10/2004	PAOC 18 SB18-144 10-12.5 ft BGS S-17303-091004-DCR-616 09/10/2004	PAOC 18 SB18-144 12.5-15 ft BGS S-17303-091004-DCR-617 09/10/2004	PAOC 18 SB18-144 15-17.5 ft BGS S-17303-091004-DCR-624 09/10/2004	PAOC 18 SB18-144 17.5-20 ft BGS S-17303-091004-DCR-625 09/10/2004	PAOC 18 TP18-05 9-9 ft BGS L-17303-090804-BW-584 09/08/2004	PAOC 18 TP18-05 9-9 ft BGS S-17303-090804-BW-585 09/08/2004	PAOC 18 SB18-200 17-18 ft BGS SO-17303-060605-DR-0746 06/06/2005
Units										
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-
Inorganics										
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-
TCLP Metals										

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-144	SB18-144	SB18-144	SB18-144	SB18-144	SB18-144	TP18-05	TP18-05	SB18-200
Sample Depth:		5-7.5 ft BGS	7.5-10 ft BGS	10-12.5 ft BGS	12.5-15 ft BGS	15-17.5 ft BGS	17.5-20 ft BGS	9-9 ft BGS	9-9 ft BGS	17-18 ft BGS
Sample ID:		S-17303-091004-DCR-614	S-17303-091004-DCR-615	S-17303-091004-DCR-616	S-17303-091004-DCR-617	S-17303-091004-DCR-624	S-17303-091004-DCR-625	L-17303-090804-BW-584	S-17303-090804-BW-585	SO-17303-060605-DR-0746
Sample Date:		09/10/2004	09/10/2004	09/10/2004	09/10/2004	09/10/2004	09/10/2004	09/08/2004	09/08/2004	06/06/2005
Sample Type:										
Parameter:		Units								
Arsenic		mg/L	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2 U	-
Aroclor-1221 (PCB-1221)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2 U	-
Aroclor-1232 (PCB-1232)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2 U	-
Aroclor-1242 (PCB-1242)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2 U	-
Aroclor-1248 (PCB-1248)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2 U	-
Aroclor-1254 (PCB-1254)		mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	2 U	-
Aroclor-1260 (PCB-1260)		mg/kg	0.33 U	0.33 U	0.33 U	2	0.33 U	0.33 U	15	-
Total PCBs		mg/kg	0.33 U	0.33 U	0.33 U	2	0.33 U	0.33 U	15	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-201	SB18-201	SB18-203	SB18-203	SB18-203	SB18-203	SB18-205	SB18-209	SB18-210
Sample Depth:		8.5-9.5 ft BGS	17-18 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	18-19 ft BGS	2-3 ft BGS	1.5-2.5 ft BGS
Sample ID:		SO-17303-060605-DR-0744	SO-17303-060605-DR-0745	SO-17303-060205-DR-0719	SO-17303-060205-DR-0720	SO-17303-060205-DR-0721	SO-17303-060205-DR-0722	SO-17303-060605-DR-0743	SO-17303-081105-DR-0872	SO-17303-081105-DR-0873
Sample Date:		06/06/2005	06/06/2005	06/02/2005	06/02/2005	06/02/2005	06/02/2005	06/06/2005	08/11/2005	08/11/2005
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,1,2,2-Tetrachloroethane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,1,2-Trichloroethane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,1-Dichloroethane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,1-Dichloroethene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
1,2-Dichlorobenzene	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	-	-
1,2-Dichloroethane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,2-Dichloropropane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	-	-
1,4-Dichlorobenzene	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	6.4 U	0.72 U	0.56 U	0.6 U	12 U	1.2 U	0.68 U	-	-
2-Hexanone	mg/kg	21 U	2.4 U	1.9 U	2 U	40 U	4 U	2.3 U	-	-
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	21 U	2.4 U	1.9 U	2 U	40 U	4 U	2.3 U	-	-
Acetone	mg/kg	6.4 U	0.72 U	0.56 U	0.6 U	12 U	1.2 U	0.68 U	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.86 UJ	0.097 UJ	0.074 U	0.08 U	1.6 U	0.16 U	0.09 UJ	-	-
Bromoform	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	-	-
Bromomethane (Methyl bromide)	mg/kg	1.7 U	0.19 U	0.15 U	0.16 U	3.2 U	0.32 U	0.18 U	-	-
Carbon disulfide	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
Carbon tetrachloride	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Chlorobenzene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
Chloroform (Trichloromethane)	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Chloromethane (Methyl chloride)	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
cis-1,2-Dichloroethene	mg/kg	6.8 ^e	0.048 U	0.061	0.061	25 ^{ei}	1.6 ^e	0.045 U	-	-
cis-1,3-Dichloropropene	mg/kg	0.43 UJ	0.048 UJ	0.037 U	0.04 U	0.8 U	0.08 U	0.045 UJ	-	-
Cyclohexane	mg/kg	10 U	1.2 U	0.89 U	0.96 U	0.58 J	1.9 U	1.1 U	-	-
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	-	-
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.21 J	0.08 U	0.045 U	0.033 J	0.009 J
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
Methyl acetate	mg/kg	10 U	0.063 J	0.89 U	0.96 U	19 U	1.9 U	1.1 U	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-201 8.5-9.5 ft BGS SO-17303-060605-DR-0744 06/06/2005	PAOC 18 SB18-201 17-18 ft BGS SO-17303-060605-DR-0745 06/06/2005	PAOC 18 SB18-203 0-3 ft BGS SO-17303-060205-DR-0719 06/02/2005	PAOC 18 SB18-203 3-6 ft BGS SO-17303-060205-DR-0720 06/02/2005	PAOC 18 SB18-203 6-9 ft BGS SO-17303-060205-DR-0721 06/02/2005	PAOC 18 SB18-203 9-12 ft BGS SO-17303-060205-DR-0722 06/02/2005	PAOC 18 SB18-205 18-19 ft BGS SO-17303-060605-DR-0743 06/06/2005	PAOC 18 SB18-209 2-3 ft BGS SO-17303-081105-DR-0872 08/11/2005	PAOC 18 SB18-210 1.5-2.5 ft BGS SO-17303-081105-DR-0873 08/11/2005
	Units									
Methyl cyclohexane	mg/kg	10 U	1.2 U	0.89 U	0.96 U	1.1 J	1.9 U	1.1 U	-	-
Methyl tert butyl ether (MTBE)	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
Methylene chloride	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Tetrachloroethene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
Toluene	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	0.035 J	0.08 U
trans-1,2-Dichloroethene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
trans-1,3-Dichloropropene	mg/kg	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	12 ^{ei}	0.074	0.6 ^e	0.48 ^e	7.9 ^{ei}	2.4 ^e	0.045 U	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	-	-
Vinyl chloride	mg/kg	0.34 U	0.12 ^e	0.03 U	0.032 U	0.64 U	0.064 U	0.036 U	-	-
Xylenes (total)	mg/kg	1.3 U	0.14 U	0.11 U	0.12 U	0.44 J	0.24 U	0.14 U	0.17	0.037 J

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-201 8.5-9.5 ft BGS SO-17303-060605-DR-0744 06/06/2005	PAOC 18 SB18-201 17-18 ft BGS SO-17303-060605-DR-0745 06/06/2005	PAOC 18 SB18-203 0-3 ft BGS SO-17303-060205-DR-0719 06/02/2005	PAOC 18 SB18-203 3-6 ft BGS SO-17303-060205-DR-0720 06/02/2005	PAOC 18 SB18-203 6-9 ft BGS SO-17303-060205-DR-0721 06/02/2005	PAOC 18 SB18-203 9-12 ft BGS SO-17303-060205-DR-0722 06/02/2005	PAOC 18 SB18-205 18-19 ft BGS SO-17303-060605-DR-0743 06/06/2005	PAOC 18 SB18-209 2-3 ft BGS SO-17303-081105-DR-0872 08/11/2005	PAOC 18 SB18-210 1.5-2.5 ft BGS SO-17303-081105-DR-0873 08/11/2005
	Units									
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	0.26 U	0.26 U
2,4-Dinitrophenol	mg/kg	-	-	0.15 U	0.38 U	3 U	0.75 U	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
2-Chloronaphthalene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
2-Chlorophenol	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
2-Methylnaphthalene	mg/kg	-	-	0.26 U	0.66 U	0.69 J	1.3 U	-	0.32	0.056 J
2-Methylphenol	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
2-Nitroaniline	mg/kg	-	-	0.2 U	0.5 U	4 U	1 U	-	-	-
2-Nitrophenol	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	1.6 U	4 U	32 U	8 U	-	-	-
3-Nitroaniline	mg/kg	-	-	0.2 U	0.5 U	4 U	1 U	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	0.15 U	0.38 U	3 U	0.75 U	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
4-Chloroaniline	mg/kg	-	-	0.15 U	0.38 U	3 U	0.75 U	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
4-Methylphenol	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
4-Nitroaniline	mg/kg	-	-	0.2 U	0.5 U	4 U	1 U	-	-	-
4-Nitrophenol	mg/kg	-	-	0.33 U	0.82 U	6.6 U	1.6 U	-	-	-
Acenaphthene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	0.032 J	0.26 U
Acenaphthylene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Acetophenone	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Anthracene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	0.26 U	0.26 U
Atrazine	mg/kg	-	-	0.04 U	0.1 U	0.8 U	0.2 U	-	-	-
Benzaldehyde	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Benzo(a)anthracene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Benzo(a)pyrene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	0.08 U	0.2 UJ	1.6 U	0.4 U	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Caprolactam	mg/kg	-	-	0.027 J	0.66 U	5.3 U	1.3 U	-	-	-
Carbazole	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Chrysene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Dibenzofuran	mg/kg	-	-	0.26 U	0.66 U	0.33 J	1.3 U	-	-	-
Diethyl phthalate	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Dimethyl phthalate	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	0.26 U	0.26 U
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-201 8.5-9.5 ft BGS SO-17303-060605-DR-0744 06/06/2005	PAOC 18 SB18-201 17-18 ft BGS SO-17303-060605-DR-0745 06/06/2005	PAOC 18 SB18-203 0-3 ft BGS SO-17303-060205-DR-0719 06/02/2005	PAOC 18 SB18-203 3-6 ft BGS SO-17303-060205-DR-0720 06/02/2005	PAOC 18 SB18-203 6-9 ft BGS SO-17303-060205-DR-0721 06/02/2005	PAOC 18 SB18-203 9-12 ft BGS SO-17303-060205-DR-0722 06/02/2005	PAOC 18 SB18-205 18-19 ft BGS SO-17303-060605-DR-0743 06/06/2005	PAOC 18 SB18-209 2-3 ft BGS SO-17303-081105-DR-0872 08/11/2005	PAOC 18 SB18-210 1.5-2.5 ft BGS SO-17303-081105-DR-0873 08/11/2005
	Units									
Fluoranthene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	0.047 J	0.054 J
Fluorene	mg/kg	-	-	0.26 U	0.66 U	0.28 J	1.3 U	-	-	-
Hexachlorobenzene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Hexachlorobutadiene	mg/kg	-	-	0.04 U	0.1 U	0.8 U	0.2 U	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Hexachloroethane	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Isophorone	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Naphthalene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	0.073 J	0.26 U
Nitrobenzene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Pentachlorophenol	mg/kg	-	-	0.15 U	0.38 U	3 U	0.75 U	-	-	-
Phenanthrene	mg/kg	-	-	0.26 U	0.66 U	0.56 J	1.3 U	-	0.12 J	0.068 J
Phenol	mg/kg	-	-	0.26 U	0.66 UJ	5.3 U	1.3 U	-	-	-
Pyrene	mg/kg	-	-	0.26 U	0.66 U	5.3 U	1.3 U	-	-	-
Inorganics										
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	0.093 J	0.044 J	R	0.022 J	-	0.013 J	R
Arsenic	mg/kg	-	-	1.6	1.6	3.0	4.2	-	-	-
Barium	mg/kg	-	-	12.7	15.0	21.2	12.1	-	69.7	51.5
Beryllium	mg/kg	-	-	0.16 U	0.16 U	0.16 U	0.16 U	-	-	-
Cadmium	mg/kg	-	-	0.029 J	0.046 J	0.080 U	0.040 J	-	1.0 J	0.46 J
Calcium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	5.8	6.4	9.9	5.4	-	13.1	12.1
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	2.3	2.3	4.3	2.7	-	7.8 ^{see1}	5.9
Copper	mg/kg	-	-	2.9	3.2	9.4	6.3	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	2.8	2.9	5.6	6.1	-	30.6 J	11.9 J
Lead - fine fraction	mg/kg	-	-	3.4	3.0	5.8	2.4	-	97.8 J	59.6 J
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	3.0	3.0	5.8	2.7	-	45.2 J	23.6 J
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	71.0	84.3	97.5	273	-	354	292
Mercury	mg/kg	-	-	0.0084 J	0.013 J	0.012 J	0.040 U	-	0.040 U	0.040 U
Nickel	mg/kg	-	-	4.9	5.0	9.2	6.9	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	0.23	0.15 J	0.15 J	0.097 J	-	3.1 J ^{vi}	0.32 UJ
Silver	mg/kg	-	-	0.015 J	0.027 J	0.037 J	0.030 J	-	0.097	0.10
Sodium	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	0.039 J	0.038 J	0.080	0.070 J	-	-	-
Vanadium	mg/kg	-	-	9.7	9.2	17.5	10.2	-	-	-
Zinc	mg/kg	-	-	11.0	13.2	21.4	15.4	-	49.5	41.6
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-
TCLP Metals										

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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-201	SB18-201	SB18-203	SB18-203	SB18-203	SB18-203	SB18-205	SB18-209	SB18-210
Sample Depth:		8.5-9.5 ft BGS	17-18 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	18-19 ft BGS	2-3 ft BGS	1.5-2.5 ft BGS
Sample ID:		SO-17303-060605-DR-0744	SO-17303-060605-DR-0745	SO-17303-060205-DR-0719	SO-17303-060205-DR-0720	SO-17303-060205-DR-0721	SO-17303-060205-DR-0722	SO-17303-060605-DR-0743	SO-17303-081105-DR-0872	SO-17303-081105-DR-0873
Sample Date:		06/06/2005	06/06/2005	06/02/2005	06/02/2005	06/02/2005	06/02/2005	06/06/2005	08/11/2005	08/11/2005
Sample Type:										
Parameter:		Units								
Arsenic		mg/L	-	-	-	-	-	-	-	-
Barium		mg/L	-	-	-	-	-	-	-	-
Cadmium		mg/L	-	-	-	-	-	-	-	-
Chromium		mg/L	-	-	-	-	-	-	-	-
Copper		mg/L	-	-	-	-	-	-	-	-
Lead		mg/L	-	-	-	-	-	-	-	-
Mercury		mg/L	-	-	-	-	-	-	-	-
Selenium		mg/L	-	-	-	-	-	-	-	-
Silver		mg/L	-	-	-	-	-	-	-	-
Zinc		mg/L	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.26 U
Aroclor-1221 (PCB-1221)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.26 U
Aroclor-1232 (PCB-1232)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.26 U
Aroclor-1242 (PCB-1242)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.26 U
Aroclor-1248 (PCB-1248)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.031 J
Aroclor-1254 (PCB-1254)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.26 U
Aroclor-1260 (PCB-1260)		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.0098 J
Total PCBs		mg/kg	-	-	0.33 U	1.6 U	1.6 U	0.26 UJ	-	0.0408 J
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)		mg/kg	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO		mg/kg	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background level:
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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Sample Location:	PAOC 18 SB18-211 1.5-2.5 ft BGS	PAOC 18 SB18-214 1-2 ft BGS	PAOC 18 SB18-218 0-2 ft BGS	PAOC 18 SB18-218 0-2 ft BGS	PAOC 18 SB18-219 0-2 ft BGS	PAOC 18 GS-6 2.5-3 ft BGS	PAOC 18 TP-A39 11-11 ft BGS	PAOC 18 TP-A60 12-12 ft BGS	PAOC 18 TP-C 11-11 ft BGS	
Sample ID:	SO-17303-081105-DR-0874	SO-17303-081105-DR-0875	SO-17303-081605-DR-0877	SO-17303-081605-DR-0878	SO-17303-081605-DR-0879	SO-17303-052405-DR-0701	SO-17303-061405-BW-0774	SO-17303-061405-BW-0773	SO-17303-061305-BW-0770	
Sample Date:	08/11/2005	08/11/2005	08/16/2005	08/16/2005	08/16/2005	05/24/2005	06/14/2005	06/14/2005	06/13/2005	
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	
1,1,1-Trichloroethane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,1,2-Trichloroethane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,1-Dichloroethane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,1-Dichloroethene	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	22 U	78 ^{ei}	0.19 U	0.75 U	
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	22 U	33 U	0.19 U	0.75 U	
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	22 U	33 U	0.19 U	0.75 U	
1,2-Dichlorobenzene	mg/kg	-	-	-	-	9 U	13 U	0.078 U	0.3 U	
1,2-Dichloroethane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,2-Dichloropropane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	
1,3-Dichlorobenzene	mg/kg	-	-	-	-	9 U	13 U	0.078 U	0.3 U	
1,4-Dichlorobenzene	mg/kg	-	-	-	-	9 U	13 U	0.078 U	0.3 U	
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	67 U	100 U	0.58 U	2.2 U	
2-Hexanone	mg/kg	-	-	-	-	220 U	330 U	1.9 U	7.5 U	
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	220 U	330 U	1.9 U	7.5 U	
Acetone	mg/kg	-	-	-	-	67 U	100 U	0.58 U	2.2 U	
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	
Benzene	mg/kg	-	-	-	-	4.5 U	2.1 J ^e	0.039 U	0.15 U	
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	
Bromodichloromethane	mg/kg	-	-	-	-	9 UJ	13 UJ	0.078 UJ	0.3 U	
Bromoform	mg/kg	-	-	-	-	9 U	13 U	0.078 U	0.3 U	
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	18 U	27 U	0.16 U	0.6 U	
Carbon disulfide	mg/kg	-	-	-	-	22 U	33 U	0.19 U	0.75 U	
Carbon tetrachloride	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
Chlorobenzene	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	
Chloroethane	mg/kg	-	-	-	-	22 U	33 U	0.19 U	0.75 U	
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	22 U	33 U	0.19 U	0.75 U	
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	4.5 U	18 ^{ei}	0.039 U	0.18 U	
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	4.5 UJ	6.7 U	0.039 U	0.15 U	
Cyclohexane	mg/kg	-	-	-	-	14 J	14 J	0.93 U	3.6 U	
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	
Dibromochloromethane	mg/kg	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U	
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	9 U	13 U	0.078 U	0.3 U	
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	
Ethylbenzene	mg/kg	0.075	0.04 U	0.028 J	0.028 J	0.017 J	76 ^{ei}	100 ^{ei}	0.039 U	0.15 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	
Isopropyl benzene	mg/kg	-	-	-	-	-	44 ⁱ	13 J ⁱ	0.19 U	0.75 U
Methyl acetate	mg/kg	-	-	-	-	-	110 U	160 U	0.93 U	3.6 U

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-211 1.5-2.5 ft BGS SO-17303-081105-DR-0874 08/11/2005	PAOC 18 SB18-214 1-2 ft BGS SO-17303-081105-DR-0875 08/11/2005	PAOC 18 SB18-218 0-2 ft BGS SO-17303-081605-DR-0877 08/16/2005	PAOC 18 SB18-218 0-2 ft BGS SO-17303-081605-DR-0878 08/16/2005 Duplicate	PAOC 18 SB18-219 0-2 ft BGS SO-17303-081605-DR-0879 08/16/2005	PAOC 18 GS-6 2.5-3 ft BGS SO-17303-052405-DR-0701 05/24/2005	PAOC 18 TP-A39 11-11 ft BGS SO-17303-061405-BW-0774 06/14/2005	PAOC 18 TP-A60 12-12 ft BGS SO-17303-061405-BW-0773 06/14/2005	PAOC 18 TP-C 11-11 ft BGS SO-17303-061305-BW-0770 06/13/2005
	Units									
Methyl cyclohexane	mg/kg	-	-	-	-	-	61 J	42 J	0.93 U	3.6 U
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	22 U	33 U	0.19 U	0.75 U
Methylene chloride	mg/kg	-	-	-	-	-	22 U	33 U	0.19 U	0.75 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U
Tetrachloroethene	mg/kg	-	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U
Toluene	mg/kg	0.042 J	0.08 U	0.028 J	0.018 J	0.013 J	49 ^{ei}	37 ^{ei}	0.078 U	0.3 U
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	4.5 U	6.7 U	0.039 U	0.15 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	4.5 U	6.7 U	1.5 ^e	5.4 ^{ei}
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	9 U	13 U	0.078 U	0.3 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	22 U	33 U	0.19 U	0.75 U
Vinyl chloride	mg/kg	-	-	-	-	-	3.6 U	86 ^{cdefhi}	0.031 U	0.12 U
Xylenes (total)	mg/kg	0.39	0.015 J	0.1 J	0.098 J	0.05 J	400 ^{defhij}	690 ^{defhij}	0.12 U	0.15 J
01 SPLP VOCs										
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-	-	-	-	-
TCLP VOCs										
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-	-	-	-	-
SVOCs										

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-211 1.5-2.5 ft BGS SO-17303-081105-DR-0874 08/11/2005	PAOC 18 SB18-214 1-2 ft BGS SO-17303-081105-DR-0875 08/11/2005	PAOC 18 SB18-218 0-2 ft BGS SO-17303-081605-DR-0877 08/16/2005	PAOC 18 SB18-218 0-2 ft BGS SO-17303-081605-DR-0878 08/16/2005 Duplicate	PAOC 18 SB18-219 0-2 ft BGS SO-17303-081605-DR-0879 08/16/2005	PAOC 18 GS-6 2.5-3 ft BGS SO-17303-052405-DR-0701 05/24/2005	PAOC 18 TP-A39 11-11 ft BGS SO-17303-061405-BW-0774 06/14/2005	PAOC 18 TP-A60 12-12 ft BGS SO-17303-061405-BW-0773 06/14/2005	PAOC 18 TP-C 11-11 ft BGS SO-17303-061305-BW-0770 06/13/2005
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2,4-Dimethylphenol	mg/kg	1.1 U	0.26 U	0.26 U	0.26 U	0.26 U	89 J ^{ei}	1.8 U	0.26 U	0.26 U
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	140 U	1 U	0.15 U	0.15 U
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2-Chloronaphthalene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2-Chlorophenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2-Methylnaphthalene	mg/kg	0.63 J	0.039 J	0.065 J	0.079 J	0.26 U	1300 ^{ei}	0.63 J	0.26 U	0.26 U
2-Methylphenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
2-Nitroaniline	mg/kg	-	-	-	-	-	190 U	1.3 U	0.2 U	0.2 U
2-Nitrophenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	1500 U	11 U	1.6 U	1.6 U
3-Nitroaniline	mg/kg	-	-	-	-	-	190 U	1.3 U	0.2 U	0.2 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	140 U	1 U	0.15 U	0.15 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
4-Chloroaniline	mg/kg	-	-	-	-	-	140 U	1 U	0.15 U	0.15 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
4-Methylphenol	mg/kg	-	-	-	-	-	250 U	0.15 J#	0.26 U	0.26 U
4-Nitroaniline	mg/kg	-	-	-	-	-	190 U	1.3 U	0.2 U	0.2 U
4-Nitrophenol	mg/kg	-	-	-	-	-	320 U	2.2 U	0.33 U	0.33 U
Acenaphthene	mg/kg	1.1 U	0.26 U	0.26 U	0.26 U	0.26 U	73 J ⁱ	1.8 U	0.26 U	0.26 U
Acenaphthylene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Acetophenone	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Anthracene	mg/kg	1.1 U	0.26 U	0.26 U	0.26 U	0.26 U	68 J ^{eh}	1.8 U	0.26 U	0.26 U
Atrazine	mg/kg	-	-	-	-	-	38 U	0.27 U	0.04 U	0.04 U
Benzaldehyde	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Benzo(a)anthracene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Benzo(a)pyrene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	130 J	0.11 J	0.26 U	0.26 U
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	77 U	0.53 U	0.08 U	0.08 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Caprolactam	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Carbazole	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Chrysene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Dibenzofuran	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Diethyl phthalate	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Di-n-butylphthalate (DBP)	mg/kg	1.1 U	0.26 U	0.26 U	0.26 U	0.26 U	26 J ⁱ	4.7	0.26 U	0.26 U
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-211 1.5-2.5 ft BGS SO-17303-081105-DR-0874 08/11/2005	PAOC 18 SB18-214 1-2 ft BGS SO-17303-081105-DR-0875 08/11/2005	PAOC 18 SB18-218 0-2 ft BGS SO-17303-081605-DR-0877 08/16/2005	PAOC 18 SB18-218 0-2 ft BGS SO-17303-081605-DR-0878 08/16/2005 Duplicate	PAOC 18 SB18-219 0-2 ft BGS SO-17303-081605-DR-0879 08/16/2005	PAOC 18 GS-6 2.5-3 ft BGS SO-17303-052405-DR-0701 05/24/2005	PAOC 18 TP-A39 11-11 ft BGS SO-17303-061405-BW-0774 06/14/2005	PAOC 18 TP-A60 12-12 ft BGS SO-17303-061405-BW-0773 06/14/2005	PAOC 18 TP-C 11-11 ft BGS SO-17303-061305-BW-0770 06/13/2005
	Units									
Fluoranthene	mg/kg	1.1 U	0.031 J	0.26 U	0.014 J	0.036 J	29 J ⁱ	0.13 J	0.26 U	0.26 U
Fluorene	mg/kg	-	-	-	-	-	250 U	0.09 J	0.26 U	0.26 U
Hexachlorobenzene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Hexachlorobutadiene	mg/kg	-	-	-	-	-	38 U	0.27 U	0.04 U	0.04 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Hexachloroethane	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Isophorone	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Naphthalene	mg/kg	0.2 J	0.26 U	0.26 U	0.022 J	0.015 J	330 ^{ei}	0.65 J	0.26 U	0.26 U
Nitrobenzene	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	250 U	1.8 U	0.26 U	0.26 U
Pentachlorophenol	mg/kg	-	-	-	-	-	140 U	1 U	0.15 U	0.15 U
Phenanthrene	mg/kg	0.2 J	0.061 J	0.054 J	0.074 J	0.06 J	170 J ^{ei}	0.5 J	0.26 U	0.26 U
Phenol	mg/kg	-	-	-	-	-	250 U	0.34 J	0.26 U	0.26 U
Pyrene	mg/kg	-	-	-	-	-	25 J	1.8 U	0.26 U	0.26 U
Inorganics										
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	R	R	0.021 J	0.017 J	0.026 J	8.0 J ^e	0.055 J	0.052 J	0.071 J
Arsenic	mg/kg	-	-	-	-	-	12.3 J ^{xei}	0.76 J	6.0 J ^{xei}	9.1 J ^{xei}
Barium	mg/kg	63.7	51.5	57.4	47.9	55.5	10100 ^{xei}	4.3	41.2	22.1
Beryllium	mg/kg	-	-	-	-	-	0.19 U	0.13 J	0.57	0.27
Cadmium	mg/kg	0.61 J	0.59 J	0.42	0.35	0.45	613 ^{xei}	0.086	0.26	0.20
Calcium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	12.8	11.3	11.9	10.1	10.8	536	16.1	16.1	8.3
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	8.3 ^{xei}	6.6	8.4 ^{xei}	7.1 ^{xei}	7.3 ^{xei}	80.6 J ^{xei}	1.7	7.3 ^{xei}	4.1
Copper	mg/kg	-	-	-	-	-	122	4.5	17.1	10.3
Iron	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	15.9 J	32.9 J	13.0	12.8	38.9	10800 ^{xdei}	6.5	10.5	10.4
Lead - fine fraction	mg/kg	87.5 J	55.3 J	54.7	32.3	29.4	11900 ^{xdei}	5.6	29.0	12.1
Lead - total (calculated by fine/coarse fraction)	mg/kg	35.1 J	39.2 J	24.1	17.8	37.2	10800 ^{xdei}	6.5	14.6	11.9
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	351	325	351	348	313	471 ^{xei}	93.5	247	124 J
Mercury	mg/kg	0.040 U	0.040 U	0.024 J	0.027 J	0.023 J	0.23 J ^{xi}	0.022 J	0.030 J	0.0059 J
Nickel	mg/kg	-	-	-	-	-	32.7 J	3.1	20.2	10.7
Potassium	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.39 UJ	0.37 UJ	0.22	0.16	0.21	14.8 J ^{xei}	0.10 J	0.16 UJ	0.38
Silver	mg/kg	0.13	0.089	0.062 J	0.060 J	0.063 J	0.39 J	0.080 UJ	0.052 J	0.049 J
Sodium	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	0.048 J	0.021 J	0.22 J	0.16
Vanadium	mg/kg	-	-	-	-	-	19.9	5.4	22.9	12.2
Zinc	mg/kg	48.6	47.1	36.2	35.4	39.9	1570 ⁱ	16.4	38.8	27.2
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-
TCLP Metals										

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Arsenic	mg/L	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.32 U	3.3 U	0.26 U	0.26 U
Aroclor-1221 (PCB-1221)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.32 U	3.3 U	0.26 U	0.26 U
Aroclor-1232 (PCB-1232)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.32 U	3.3 U	0.26 U	0.26 U
Aroclor-1242 (PCB-1242)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.32 U	3.3 U	0.26 U	0.26 U
Aroclor-1248 (PCB-1248)	mg/kg	0.13 J	0.046 J	0.26 U	0.26 U	0.26 U	0.44	3.3 U	0.26 U	0.26 U
Aroclor-1254 (PCB-1254)	mg/kg	0.26 U	0.26 U	0.014 J	0.0079 J	0.0091 J	0.32 U	3.3 U	0.26 U	0.26 U
Aroclor-1260 (PCB-1260)	mg/kg	0.038 J	0.019 J	0.26 U	0.26 U	0.26 U	2.9	55 ^d	0.022 J	0.26 U
Total PCBs	mg/kg	0.168 J	0.065 J	0.014 J	0.0079 J	0.0091 J	3.3	55 ^d	0.26 U	0.26 U
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background level:
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 TRENCH 1 10.2-10.2 ft BGS SO-17303-061305-BW-0771 06/13/2005	PAOC 18 TRENCH 1 12.5-12.5 ft BGS SO-17303-061405-BW-0775 06/14/2005	PAOC 18 MW19-40 0-2 ft BGS SO-17303-020712-CB-008 02/07/2012	PAOC 18 MW19-41 0-2 ft BGS SO-17303-020812-CB-018 02/08/2012	PAOC 18 MW19-41 8-10 ft BGS SO-17303-020812-CB-019 02/08/2012	PAOC 18 SB18-70 10-11 ft BGS S-17303-090612-EM-014 09/06/2012	PAOC 18 SB18-128 11-12.5 ft BGS S-17303-090612-EM-010 09/06/2012	PAOC 18 SB18-128 2.5-3.5 ft BGS S-17303-090612-EM-008 09/06/2012	PAOC 18 SB18-128 6-7.5 ft BGS S-17303-090612-EM-009 09/06/2012
VOCs										
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,1,2,2-Tetrachloroethane	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,1,2-Trichloroethane	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,1-Dichloroethane	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,1-Dichloroethene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	1.6 U	40 U	0.03 J	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
1,2-Dichlorobenzene	mg/kg	0.62 U	16 U	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
1,2-Dichloroethane	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,2-Dichloropropane	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.62 U	16 U	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
1,4-Dichlorobenzene	mg/kg	0.62 U	16 U	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	4.6 U	120 U	0.69 U	0.66 U	0.68 U	5.4 U	340 U	1.3 U	83 U
2-Hexanone	mg/kg	16 U	400 U	2.3 U	2.2 U	2.3 U	18 U	1100 U	4.4 U	280 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	16 U	400 U	2.3 U	2.2 U	2.3 U	18 U	1100 U	4.4 U	280 U
Acetone	mg/kg	4.6 U	120 U	0.69 U	0.66 U	0.68 U	5.4 U	340 U	1.3 U	83 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.091 J	8 U	0.046 U	0.044 U	0.045 U	0.36 U	7.5 J ^{ei}	0.088 U	2.1 J ^e
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.62 U	16 UJ	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
Bromoform	mg/kg	0.62 U	16 U	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
Bromomethane (Methyl bromide)	mg/kg	1.2 U	32 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
Carbon disulfide	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
Carbon tetrachloride	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
Chlorobenzene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
Chloroform (Trichloromethane)	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
Chloromethane (Methyl chloride)	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
cis-1,2-Dichloroethene	mg/kg	13 ^{ei}	6.5 J ^e	0.025 J	0.031 J	0.045 U	7.4 ^e	1100 ^{bdefhij}	0.7	290 ^{cefi}
cis-1,3-Dichloropropene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
Cyclohexane	mg/kg	0.44 J	190 U	1.1 U	1.1 U	1.1 U	8.6 U	540 U	2.1 U	130 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
Dibromochloromethane	mg/kg	0.31 U	8 U	-	-	-	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.62 U	16 U	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.49 ⁱ	8 U	0.046 U	0.049	0.036 J	0.36 U	17 J ^{ei}	0.017 J	16 ^{ei}
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.38 J	40 U	0.23 U	0.0082 J	0.23 U	1.8 U	46 J ⁱ	0.014 J	3.2 J
Methyl acetate	mg/kg	7.4 U	190 U	1.1 U	1.1 U	1.1 U	8.6 U	540 U	2.1 U	130 U

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 TRENCH 1 10.2-10.2 ft BGS SO-17303-061305-BW-0771 06/13/2005	PAOC 18 TRENCH 1 12.5-12.5 ft BGS SO-17303-061405-BW-0775 06/14/2005	PAOC 18 MW19-40 0-2 ft BGS SO-17303-020712-CB-008 02/07/2012	PAOC 18 MW19-41 0-2 ft BGS SO-17303-020812-CB-018 02/08/2012	PAOC 18 MW19-41 8-10 ft BGS SO-17303-020812-CB-019 02/08/2012	PAOC 18 SB18-70 10-11 ft BGS S-17303-090612-EM-014 09/06/2012	PAOC 18 SB18-128 11-12.5 ft BGS S-17303-090612-EM-010 09/06/2012	PAOC 18 SB18-128 2.5-3.5 ft BGS S-17303-090612-EM-008 09/06/2012	PAOC 18 SB18-128 6-7.5 ft BGS S-17303-090612-EM-009 09/06/2012
	Units									
Methyl cyclohexane	mg/kg	0.32 J	190 U	0.02 J	0.043 J	0.031 J	8.6 U	10 J	0.21 J	11 J
Methyl tert butyl ether (MTBE)	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
Methylene chloride	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-
o-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
p-Xylene	mg/kg	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
Tetrachloroethene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.027 J	5.5 U
Toluene	mg/kg	0.51 J	16 U	0.092 U	0.088 U	0.09 U	0.71 U	31 ^{eti}	0.038 J	9.9 ^J ⁱ
trans-1,2-Dichloroethene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
trans-1,3-Dichloropropene	mg/kg	0.31 U	8 U	0.046 U	0.044 U	0.045 U	0.36 U	22 U	0.088 U	5.5 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	2.7 ^e	270 ^{cefi}	0.093	0.13 ^e	0.11 ^e	23 ^{ei}	22 U	3.9 ^e	5.5 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.62 U	16 U	0.092 U	0.088 U	0.09 U	0.71 U	45 U	0.18 U	11 U
Trifluorotrichloroethane (Freon 113)	mg/kg	1.6 U	40 U	0.23 U	0.22 U	0.23 U	1.8 U	110 U	0.44 U	28 U
Vinyl chloride	mg/kg	3.5 ^{efi}	6.4 U	0.037 U	0.035 U	0.036 U	0.29 U	89 ^{cdefhi}	0.071 U	3.8 ^J ^{efi}
Xylenes (total)	mg/kg	1.6 ⁱ	24 U	0.14 U	0.25	0.17	1.1 U	110 ^{eti}	0.18 J	130 ^{eti}

01 SPLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	0.004 U	0.079 J	0.002 U	0.01 U
1,2-Dichloroethane	mg/L	-	-	-	-	-	0.004 U	0.33 U	0.002 U	0.01 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	0.04 U	3.3 U	0.02 U	0.1 U
Benzene	mg/L	-	-	-	-	-	0.00089 J	0.29 J	0.00043 J	0.0046 J
Carbon tetrachloride	mg/L	-	-	-	-	-	0.004 U	0.33 U	0.002 U	0.01 U
Chlorobenzene	mg/L	-	-	-	-	-	0.004 U	0.33 U	0.002 U	0.01 U
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	0.004 U	0.33 U	0.002 U	0.01 U
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	0.18	25	0.077	0.58
m&p-Xylenes	mg/L	-	-	-	-	-	0.008 U	1.1	0.0028 J	0.085
o-Xylene	mg/L	-	-	-	-	-	0.004 U	0.43	0.0011 J	0.072
Tetrachloroethene	mg/L	-	-	-	-	-	0.004 U	0.33 U	0.002 U	0.01 U
Trichloroethene	mg/L	-	-	-	-	-	0.15	0.33 U	0.015	0.038
Vinyl chloride	mg/L	-	-	-	-	-	0.004 U	0.33 U	0.0014 J	0.01 U
Xylenes (total)	mg/L	-	-	-	-	-	0.008 U	1.5	0.0039 J	0.16

TCLP VOCs

1,1-Dichloroethene	mg/L	-	-	-	-	-	0.025 U	0.079	0.025 U	-
1,2-Dichloroethane	mg/L	-	-	-	-	-	0.025 U	0.025 U	0.025 U	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-	0.25 U	0.25 U	0.25 U	-
Benzene	mg/L	-	-	-	-	-	0.025 U	0.24	0.025 U	-
Carbon tetrachloride	mg/L	-	-	-	-	-	0.025 U	0.025 U	0.025 U	-
Chlorobenzene	mg/L	-	-	-	-	-	0.025 U	0.025 U	0.025 U	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	0.025 U	0.025 U	0.025 U	-
Tetrachloroethene	mg/L	-	-	-	-	-	0.025 U	0.025 U	0.025 U	-
Trichloroethene	mg/L	-	-	-	-	-	0.25	0.033	0.020 J	-
Vinyl chloride	mg/L	-	-	-	-	-	0.025 U	0.045	0.025 U	-

SVOCs

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 TRENCH 1 10.2-10.2 ft BGS SO-17303-061305-BW-0771 06/13/2005	PAOC 18 TRENCH 1 12.5-12.5 ft BGS SO-17303-061405-BW-0775 06/14/2005	PAOC 18 MW19-40 0-2 ft BGS SO-17303-020712-CB-008 02/07/2012	PAOC 18 MW19-41 0-2 ft BGS SO-17303-020812-CB-018 02/08/2012	PAOC 18 MW19-41 8-10 ft BGS SO-17303-020812-CB-019 02/08/2012	PAOC 18 SB18-70 10-11 ft BGS S-17303-090612-EM-014 09/06/2012	PAOC 18 SB18-128 11-12.5 ft BGS S-17303-090612-EM-010 09/06/2012	PAOC 18 SB18-128 2.5-3.5 ft BGS S-17303-090612-EM-008 09/06/2012	PAOC 18 SB18-128 6-7.5 ft BGS S-17303-090612-EM-009 09/06/2012
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2,4-Dichlorophenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2,4-Dimethylphenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2,4-Dinitrophenol	mg/kg	0.15 U	0.3 U	0.17 U	0.16 U	0.17 U	-	-	-	-
2,4-Dinitrotoluene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2,6-Dinitrotoluene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2-Chloronaphthalene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2-Chlorophenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2-Methylnaphthalene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2-Methylphenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
2-Nitroaniline	mg/kg	0.2 U	0.4 U	0.23 U	0.21 U	0.23 U	-	-	-	-
2-Nitrophenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	0.3 U	0.28 U	0.3 U	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	1.6 U	3.2 U	0.3 U	0.28 U	0.3 U	-	-	-	-
3-Nitroaniline	mg/kg	0.2 U	0.4 U	0.23 U	0.21 U	0.23 U	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	0.15 U	0.3 U	0.23 U	0.21 U	0.23 U	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	0.26 U	0.53 U	0.17 U	0.16 U	0.17 U	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
4-Chloroaniline	mg/kg	0.15 U	0.3 U	0.3 U	0.28 U	0.3 U	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.26 U	0.53 U	0.23 U	0.21 U	0.23 U	-	-	-	-
4-Methylphenol	mg/kg	0.26 U	0.53 U	0.23 U	0.21 U	0.23 U	-	-	-	-
4-Nitroaniline	mg/kg	0.2 U	0.4 U	0.38 U	0.35 U	0.37 U	-	-	-	-
4-Nitrophenol	mg/kg	0.33 U	0.66 U	-	-	-	-	-	-	-
Acenaphthene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Acenaphthylene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Acetophenone	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Anthracene	mg/kg	0.26 U	0.53 U	0.0094 J	0.28 U	0.3 U	-	-	-	-
Atrazine	mg/kg	0.04 U	0.08 U	0.046 U	0.042 U	0.045 U	-	-	-	-
Benzaldehyde	mg/kg	0.26 U	0.53 U	0.036 J	0.28 U	0.3 U	-	-	-	-
Benzo(a)anthracene	mg/kg	0.26 U	0.53 U	0.068 J	0.28 U	0.3 U	-	-	-	-
Benzo(a)pyrene	mg/kg	0.26 U	0.53 U	0.078 J	0.28 U	0.3 U	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.26 U	0.53 U	0.13 J	0.28 U	0.3 U	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.26 U	0.53 U	0.069 J	0.28 U	0.3 U	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.26 U	0.53 U	0.064 J	0.28 U	0.3 U	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	0.08 U	0.16 U	0.092 U	0.085 U	0.091 U	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.26 U	0.53 U	0.042 J	0.071 J	0.037 J	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	0.26 U	0.53 U	0.046 J	0.28 U	0.3 U	-	-	-	-
Caprolactam	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Carbazole	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Chrysene	mg/kg	0.26 U	0.53 U	0.092 J	0.28 U	0.3 U	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Dibenzofuran	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Diethyl phthalate	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Dimethyl phthalate	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 TRENCH 1 10.2-10.2 ft BGS SO-17303-061305-BW-0771 06/13/2005	PAOC 18 TRENCH 1 12.5-12.5 ft BGS SO-17303-061405-BW-0775 06/14/2005	PAOC 18 MW19-40 0-2 ft BGS SO-17303-020712-CB-008 02/07/2012	PAOC 18 MW19-41 0-2 ft BGS SO-17303-020812-CB-018 02/08/2012	PAOC 18 MW19-41 8-10 ft BGS SO-17303-020812-CB-019 02/08/2012	PAOC 18 SB18-70 10-11 ft BGS S-17303-090612-EM-014 09/06/2012	PAOC 18 SB18-128 11-12.5 ft BGS S-17303-090612-EM-010 09/06/2012	PAOC 18 SB18-128 2.5-3.5 ft BGS S-17303-090612-EM-008 09/06/2012	PAOC 18 SB18-128 6-7.5 ft BGS S-17303-090612-EM-009 09/06/2012
Fluoranthene	mg/kg	0.26 U	0.53 U	0.17 J	0.0036 J	0.004 J	-	-	-	-
Fluorene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Hexachlorobenzene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Hexachlorobutadiene	mg/kg	0.04 U	0.08 U	0.046 U	0.042 U	0.045 U	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Hexachloroethane	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.26 U	0.53 U	0.057 J	0.28 U	0.3 U	-	-	-	-
Isophorone	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Naphthalene	mg/kg	0.26 U	0.054 J	0.3 U	0.28 U	0.3 U	-	-	-	-
Nitrobenzene	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Pentachlorophenol	mg/kg	0.15 U	0.3 U	0.17 U	0.16 U	0.17 U	-	-	-	-
Phenanthrene	mg/kg	0.26 U	0.53 U	0.071 J	0.28 U	0.3 U	-	-	-	-
Phenol	mg/kg	0.26 U	0.53 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Pyrene	mg/kg	0.26 U	0.53 U	0.13 J	0.28 U	0.3 U	-	-	-	-
Inorganics										
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	0.032 J	0.048 J	0.10 J	0.038 J	0.062 J	-	-	-	-
Arsenic	mg/kg	2.0 J	2.0 J	4.5	2.0	4.5	-	-	-	-
Barium	mg/kg	36.5	58.3	21	14	14	-	-	-	-
Beryllium	mg/kg	0.45	0.64	0.22	0.15	0.21	-	-	-	-
Cadmium	mg/kg	0.20	0.24	0.081 J	0.042 J	0.11	-	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	12.6	20.9	7.3	5.0	8.4	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	6.5	4.0	8.0	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	0.82 J	1.0	0.49 J	-	-	-	-
Cobalt	mg/kg	6.3	9.1 ^{xei}	2.5	2.0	3.8	-	-	-	-
Copper	mg/kg	15.8	20.8	3.9 J	2.9 J	10 J	-	-	-	-
Iron	mg/kg	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	8.9	2.5	4.8	-	-	-	-
Lead - coarse fraction	mg/kg	9.6	10.9	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	14.0	24.1	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	12.2	13.7	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	270	76	330	-	-	-	-
Manganese	mg/kg	272 J	372	-	-	-	-	-	-	-
Mercury	mg/kg	0.0081 J	0.031 J	0.044 J	0.042	0.020 J	-	-	-	-
Nickel	mg/kg	18.1	27.2	6.1	4.7	11	-	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.16 U	0.23 J	0.39	0.15	0.29	-	-	-	-
Silver	mg/kg	0.053 J	0.051 J	0.089 U	0.075 U	0.084 U	-	-	-	-
Sodium	mg/kg	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	0.21	0.20 J	0.15	0.075 U	0.11 U	-	-	-	-
Vanadium	mg/kg	17.9	23.8	11	7.6	14	-	-	-	-
Zinc	mg/kg	37.3	34.9	20	11	25	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-
TCLP Metals										

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
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COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 TRENCH 1 10.2-10.2 ft BGS SO-17303-061305-BW-0771 06/13/2005	PAOC 18 TRENCH 1 12.5-12.5 ft BGS SO-17303-061405-BW-0775 06/14/2005	PAOC 18 MW19-40 0-2 ft BGS SO-17303-020712-CB-008 02/07/2012	PAOC 18 MW19-41 0-2 ft BGS SO-17303-020812-CB-018 02/08/2012	PAOC 18 MW19-41 8-10 ft BGS SO-17303-020812-CB-019 02/08/2012	PAOC 18 SB18-70 10-11 ft BGS S-17303-090612-EM-014 09/06/2012	PAOC 18 SB18-128 11-12.5 ft BGS S-17303-090612-EM-010 09/06/2012	PAOC 18 SB18-128 2.5-3.5 ft BGS S-17303-090612-EM-008 09/06/2012	PAOC 18 SB18-128 6-7.5 ft BGS S-17303-090612-EM-009 09/06/2012
	Units									
Arsenic	mg/L	-	-	-	-	-	-	-	-	-
Barium	mg/L	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	-	-
Copper	mg/L	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	-	-
Silver	mg/L	-	-	-	-	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Total PCBs	mg/kg	0.26 U	0.26 U	0.3 U	0.28 U	0.3 U	-	-	-	-
Petroleum Hydrocarbons										
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels.
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-276	SB18-277	SB18-278	SB18-279
Sample Depth:		0-2 ft BGS	0-2 ft BGS	8-10 ft BGS	7-9 ft BGS
Sample ID:		SO-17303-020712-CB-005	SO-17303-020712-CB-004	SO-17303-020712-CB-007	SO-17303-020712-CB-006
Sample Date:		02/07/2012	02/07/2012	02/07/2012	02/07/2012
Sample Type:					
Parameter:	Units				
VOCs					
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-
1,1,2-Trichloroethane	mg/kg	-	-	-	-
1,1-Dichloroethane	mg/kg	-	-	-	-
1,1-Dichloroethene	mg/kg	-	-	-	-
1,2,3-Trichloropropane	mg/kg	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-
1,2-Dichlorobenzene	mg/kg	-	-	-	-
1,2-Dichloroethane	mg/kg	-	-	-	-
1,2-Dichloropropane	mg/kg	-	-	-	-
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-
2-Hexanone	mg/kg	-	-	-	-
2-Nitropropane	mg/kg	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-
Acetone	mg/kg	-	-	-	-
alpha-Methylstyrene	mg/kg	-	-	-	-
Benzene	mg/kg	-	-	-	-
Bromobenzene	mg/kg	-	-	-	-
Bromodichloromethane	mg/kg	-	-	-	-
Bromoform	mg/kg	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-
Carbon disulfide	mg/kg	-	-	-	-
Carbon tetrachloride	mg/kg	-	-	-	-
Chlorobenzene	mg/kg	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-
Chloroethane	mg/kg	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-
Cyclohexanone	mg/kg	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-
Dibromochloromethane	mg/kg	-	-	-	-
Dibromomethane	mg/kg	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-
Ethyl ether	mg/kg	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-
Iodomethane	mg/kg	-	-	-	-
Isopropyl benzene	mg/kg	-	-	-	-
Methyl acetate	mg/kg	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-276 0-2 ft BGS SO-17303-020712-CB-005 02/07/2012	PAOC 18 SB18-277 0-2 ft BGS SO-17303-020712-CB-004 02/07/2012	PAOC 18 SB18-278 8-10 ft BGS SO-17303-020712-CB-007 02/07/2012	PAOC 18 SB18-279 7-9 ft BGS SO-17303-020712-CB-006 02/07/2012
	Units				
Methyl cyclohexane	mg/kg	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-
Methylene chloride	mg/kg	-	-	-	-
Naphthalene	mg/kg	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-
o-Xylene	mg/kg	-	-	-	-
p-Xylene	mg/kg	-	-	-	-
Styrene	mg/kg	-	-	-	-
Tetrachloroethene	mg/kg	-	-	-	-
Toluene	mg/kg	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-
Vinyl chloride	mg/kg	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-
01 SPLP VOCs					
1,1-Dichloroethene	mg/L	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-
Benzene	mg/L	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-
TCLP VOCs					
1,1-Dichloroethene	mg/L	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-
Benzene	mg/L	-	-	-	-
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-
SVOCs					

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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-276	SB18-277	SB18-278	SB18-279
Sample Depth:		0-2 ft BGS	0-2 ft BGS	8-10 ft BGS	7-9 ft BGS
Sample ID:		SO-17303-020712-CB-005	SO-17303-020712-CB-004	SO-17303-020712-CB-007	SO-17303-020712-CB-006
Sample Date:		02/07/2012	02/07/2012	02/07/2012	02/07/2012
Sample Type:					
Parameter:	Units				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-
Acetophenone	mg/kg	-	-	-	-
Anthracene	mg/kg	-	-	-	-
Atrazine	mg/kg	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-
Caprolactam	mg/kg	-	-	-	-
Carbazole	mg/kg	-	-	-	-
Chrysene	mg/kg	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 SB18-276 0-2 ft BGS SO-17303-020712-CB-005 02/07/2012	PAOC 18 SB18-277 0-2 ft BGS SO-17303-020712-CB-004 02/07/2012	PAOC 18 SB18-278 8-10 ft BGS SO-17303-020712-CB-007 02/07/2012	PAOC 18 SB18-279 7-9 ft BGS SO-17303-020712-CB-006 02/07/2012
	Units				
Fluoranthene	mg/kg	-	-	-	-
Fluorene	mg/kg	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-
Isophorone	mg/kg	-	-	-	-
Naphthalene	mg/kg	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-
Phenol	mg/kg	-	-	-	-
Pyrene	mg/kg	-	-	-	-
Inorganics					
Aluminum	mg/kg	-	-	-	-
Antimony	mg/kg	-	-	-	-
Arsenic	mg/kg	-	-	-	-
Barium	mg/kg	-	-	-	-
Beryllium	mg/kg	-	-	-	-
Cadmium	mg/kg	-	-	-	-
Calcium	mg/kg	-	-	-	-
Chromium	mg/kg	17	17	860	130
Chromium III (trivalent)	mg/kg	15	16	560	130
Chromium VI (hexavalent)	mg/kg	1.6	0.71 J	310 ^{egd}	3.2
Cobalt	mg/kg	-	-	-	-
Copper	mg/kg	-	-	-	-
Iron	mg/kg	-	-	-	-
Lead	mg/kg	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-
Magnesium	mg/kg	-	-	-	-
Manganese	mg/kg	-	-	-	-
Mercury	mg/kg	-	-	-	-
Nickel	mg/kg	-	-	-	-
Potassium	mg/kg	-	-	-	-
Selenium	mg/kg	-	-	-	-
Silver	mg/kg	-	-	-	-
Sodium	mg/kg	-	-	-	-
Thallium	mg/kg	-	-	-	-
Vanadium	mg/kg	-	-	-	-
Zinc	mg/kg	-	-	-	-
Cyanide (total)	mg/kg	-	-	-	-
TCLP Metals					

PAOC 18 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONSAREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		SB18-276	SB18-277	SB18-278	SB18-279
Sample Depth:		0-2 ft BGS	0-2 ft BGS	8-10 ft BGS	7-9 ft BGS
Sample ID:		SO-17303-020712-CB-005	SO-17303-020712-CB-004	SO-17303-020712-CB-007	SO-17303-020712-CB-006
Sample Date:		02/07/2012	02/07/2012	02/07/2012	02/07/2012
Sample Type:					
Parameter:	Units				
Arsenic	mg/L	-	-	-	-
Barium	mg/L	-	-	-	-
Cadmium	mg/L	-	-	-	-
Chromium	mg/L	-	-	-	-
Copper	mg/L	-	-	-	-
Lead	mg/L	-	-	-	-
Mercury	mg/L	-	-	-	-
Selenium	mg/L	-	-	-	-
Silver	mg/L	-	-	-	-
Zinc	mg/L	-	-	-	-
PCBs					
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-
Total PCBs	mg/kg	-	-	-	-
Petroleum Hydrocarbons					
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	-	-	-	-
Total Petroleum Hydrocarbons (C6-C14) GRO	mg/kg	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
ID - Insufficient data to develop criterion
J - The associated value is qualified as an estimated quantity.
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - The data is qualified as unusable. (Note: Analyte may or may not be present).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ - The analyte was reported or qualified as not detected however, the sample report limit is qualified as an estimated value and may be inaccurate or imprecise.

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact ProtectionCriteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 23 BH12-99 - S-1190511-111699-SN-013 11/16/1999	PAOC 23 MW19-10 7.4-9.4 ft BGS S-17303-111903-DD-218 11/19/2003	PAOC 23 SB-1-03 2-4 ft BGS S-17303-030703-MM-157 03/07/2003	
Units	x	a	b	c	d	e	f	g	h	i	j				
VOCs															
1,1,1,2-Tetrachloroethane	mg/kg	-	330	210	120	440	6.4	33	530000	440	ID	440	-	-	0.28 U
1,1,1-Trichloroethane	mg/kg	-	31000	15000	4500	460	4	460	29000000	460	1.8	460	-	0.37 U	0.055 U
1,1,2,2-Tetrachloroethane	mg/kg	-	34	34	34	240	0.7	23	68000	94	1.6	870	0.1 U	0.73 U	0.11 U
1,1,2-Trichloroethane	mg/kg	-	120	57	57	840	0.1	24	250000	420	6.6	920	0.05 U	0.37 U	0.055 U
1,1-Dichloroethane	mg/kg	-	14000	6000	2500	890	50	430	15000000	890	15	890	-	0.37 U	0.055 U
1,1-Dichloroethene	mg/kg	-	37	15	3.7	570	0.14	0.33	78000	220	2.6	570	0.19 ^e	0.37 U	0.055 U
1,2,3-Trichloropropane	mg/kg	-	12	11	11	830	2.4	7.5	8800	830		830	-	-	0.28 U
1,2,4-Trichlorobenzene	mg/kg	-	34000	34000	34000	1100	4.2	1100	11000000	1100	5.9	1100	-	1.8 U	0.28 U
1,2,4-Trimethylbenzene	mg/kg	-	600000	600000	25000	110	2.1	110	36000000	110	0.57	110	0.1 U	-	0.28 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	15	15	15	1.2	0.01	1.2	5900	1.2	ID	1.2	-	1.8 U	0.28 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	9.8	5.8	5.8	0.43	0.02	3.6	18000	0.5	0.11	890	-	1.8 U	-
1,2-Dichlorobenzene	mg/kg	-	55000	46000	46000	210	14	210	44000000	210	0.28	210	0.1 U	0.73 U	0.11 U
1,2-Dichloroethane	mg/kg	-	74	33	21	420	0.1	11	150000	380	7.2	1200	-	0.37 U	0.055 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	120	51	30	550	0.1	7.4	120000	320	4.6	550	-	0.37 U	0.055 U
1,3,5-Trimethylbenzene	mg/kg	-	460000	460000	19000	94	1.8	94	36000000	94	1.1	94	0.1 U	-	0.28 U
1,3-Dichlorobenzene	mg/kg	-	110	94	94	170	0.48	48	8800	51	0.68	170	0.1 U	0.73 U	0.11 U
1,3-Dichloropropene	mg/kg	-	470	200	60	240	0.7	5.4	590000	110	0.18	620	-	-	-
1,4-Dichlorobenzene	mg/kg	-	340	260	260	1900	1.7	100	570000	140	0.36	-	0.1 U	0.73 U	0.11 U
1-Chloro-2,3-epoxypropane	mg/kg	-	37	37	37	41	0.1	120	29000	220		7300	-	-	1.4 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	36000	35000	35000	27000	760	27000	29000000	27000	44	27000	-	5.5 U	0.83 U
2-Hexanone	mg/kg	-	1500	1300	1300	2500	58	1800	1200000	2500	ID	2500	-	18 U	2.8 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	70000	53000	53000	2700	100	2700	60000000	2700	ID	2700	-	18 U	2.8 U
Acetone	mg/kg	-	200000	160000	160000	73000	42	110000	170000000	110000	34	110000	-	5.5 U	-
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0 U
Benzene	mg/kg	-	230	99	45	400	0.1	8.4	470000	220	4	400	0.083	0.37 U	-
Bromobenzene	mg/kg	-	540	540	540	760	1.5	580	240000	360		760	-	-	0.28 U
Bromodichloromethane	mg/kg	-	57	31	31	490	1.6	6.4	110000	280	ID	1500	-	0.73 U	0.11 U
Bromoform	mg/kg	-	3100	3100	3100	870	1.6	770	3600000	870	ID	870	-	0.73 U	0.11 U
Bromomethane (Methyl bromide)	mg/kg	-	140	57	13	1000	0.58	1.6	150000	1400	0.7	2200	-	1.8 U	0.28 U
Carbon disulfide	mg/kg	-	19000	8000	1600	280	46	140	21000000	280	ID	280	-	1.8 U	0.28 U
Carbon tetrachloride	mg/kg	-	79	34	12	390	0.1	0.99	170000	92	0.9	390	-	0.37 U	0.055 U
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260	0.5	260	-	0.37 U	0.055 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28 U
Chloroethane	mg/kg	-	280000	120000	36000	950	34	950	290000000	950	22	950	-	1.8 U	0.28 U
Chloroform (Trichloromethane)	mg/kg	-	790	340	150	1500	1.6	38	1600000	1500	7	1500	-	0.37 U	0.055 U
Chloromethane (Methyl chloride)	mg/kg	-	2500	1000	120	1100	22	10	2600000	1100	ID	1100	-	1.8 U	0.28 U
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640	12	640	17 ^{ed}	0.37 U	0.14
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.37 U	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.27 J	-
Cyclohexanone	mg/kg	-	27000	11000	1300	220000	15000	32	29000000	220000		220000	-	-	28 U
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28 U
Dibromochloromethane	mg/kg	-	98	80	80	500	1.6	21	160000	360	ID	610	-	0.37 U	0.055 U
Dibromomethane	mg/kg	-	ID	ID	ID	2000	4.6	ID	ID	2000		2000	-	-	0.28 U
Dichlorodifluoromethane (CFC-12)	mg/kg	-	1400000	550000	63000	1000	270	1700	1500000000	1000	ID	1000	-	0.73 U	-
Ethyl ether	mg/kg	-	350000	160000	100000	7400	0.2	7400	350000000	7400	ID	7400	-	-	1.1 U
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140	0.36	140	0.05 U	3.5 ^{ed}	0.055 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55 U
Isopropyl benzene	mg/kg	-	3000	2000	2000	390	260	390	2600000	390	3.2	390	-	1.3 J	0.28 U
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	8.8 U	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	3 J	-
Methyl tert butyl ether (MTBE)	mg/kg	-	89000	41000	30000	5900	0.8	5900	88000000	5900	140	5900	-	1.8 U	-
Methylene chloride	mg/kg	-	4000	1700	700	2300	0.1	240	8300000	2300	30	2300	-	1.8 U	0.28 U
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	0.25 U	-	0.28 U
N-Propylbenzene	mg/kg	-	ID	ID	ID	8000	4.6	ID	590000	300	ID	10000	0.1 U	-	0.28 U
Styrene	mg/kg	-	4200	3300	3300	520	2.7	520	6900000	270	2.1	520	-	0.37 U	0.055 U
Tetrachloroethene	mg/kg	-	3300	1400	600	88	0.1	60	6800000	88	1.2	88	-	0.37 U	0.055 U
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250	5.4	250	0.05 U	1.3	0.11 U

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact ProtectionCriteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 23 BH12-99 - S-1190511-111699-SN-013 11/16/1999	PAOC 23 MW19-10 7.4-9.4 ft BGS S-17303-111903-DD-218 11/19/2003	PAOC 23 SB-1-03 2-4 ft BGS S-17303-030703-MM-157 03/07/2003
	Units	x	a	b	c	d	e	f	g	h	i	j			
trans-1,2-Dichloroethene	mg/kg	-	2000	840	330	1400	2	43	2100000	1400	30	1400	0.26	0.37 U	0.055 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.37 U	0.055 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5 U
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440	4	500	5 ^{ei}	0.37 U	0.12 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	140000000	140000000	110000	560	150	560	1700000000	560	-	560	-	0.73 U	-
Trifluorotrichloroethane (Freon 113)	mg/kg	-	2100000	890000	210000	550	550	550	2300000000	550	1.7	550	-	1.8 U	-
Vinyl chloride	mg/kg	-	420	170	29	34	0.04	2.8	890000	20	0.26	490	2 ^{ei}	0.33 J ^{ei}	0.11 U
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	0.82	150	0.15 U	16 ^{ei}	0.17 U
SVOCs															
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	73000	110	NLV	10000000	9100	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200	0.33	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	NLV	NLV	NLV	1800	4.2	NLV	2300000	960	0.33	1800	-	-	-
2,4-Dimethylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2100000	10000	7.6	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	NLV	NLV	NLV	220	0.64	NLV	20000	170	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	ID	ID	ID	180000	1800	ID	ID	2300	-	-	-	-	-
2-Chlorophenol	mg/kg	-	1100	1100	1100	4500	2.6	800	530000	1900	0.36	19000	-	-	-
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500	4.2	-	-	-	-
2-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	NLV	NLV	NLV	2000	1.2	NLV	ID	1600	ID	-	-	-	-
3&4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	NLV	NLV	NLV	30	2	NLV	8200	4.6	2	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	NLV	NLV	NLV	260	0.83	NLV	ID	190	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	NLV	NLV	NLV	15000	16	NLV	ID	3000	0.28	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970	8.7	-	-	-	-
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440	ID	-	-	-	-
Acetophenone	mg/kg	-	52000	52000	52000	1100	88	1100	14000000	1100	ID	1100	-	-	-
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41	-	290000000	41	ID	-	-	-	-
Atrazine	mg/kg	-	NLV	NLV	NLV	330	0.06	NLV	ID	110	0.15	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	-	-	-
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL	NLL	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL	NLL	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL	NLL	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL	NLL	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	13	13	13	58	0.17	44	12000	110	0.1	2200	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	NLV	NLV	NLV	10000	NLL	NLV	890000	NLL	NLL	10000	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	NLV	NLV	NLV	310	310	NLV	21000000	310	120	310	-	-	-
Caprolactam	mg/kg	-	NLV	NLV	NLV	310000	340	NLV	290000	-	-	-	-	-	-
Carbazole	mg/kg	-	NLV	NLV	NLV	2400	39	NLV	78000	820	1.1	-	-	-	-
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL	NLL	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL	NLL	-	-	-	-
Dibenzofuran	mg/kg	-	160	160	160	ID	ID	3600	2900	ID	1.7	-	-	-	-
Diethyl phthalate	mg/kg	-	NLV	NLV	NLV	740	320	NLV	1500000	740	2.2	740	-	-	-
Dimethyl phthalate	mg/kg	-	NLV	NLV	NLV	790	790	NLV	1500000	790	-	790	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	NLV	NLV	NLV	760	760	NLV	1500000	760	11	760	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	NLV	NLV	NLV	20000	140000	NLV	14000000	140000	ID	140000	-	-	-

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact ProtectionCriteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 23 BH12-99 - S-1190511-111699-SN-013 11/16/1999	PAOC 23 MW19-10 7.4-9.4 ft BGS S-17303-111903-DD-218 11/19/2003	PAOC 23 SB-1-03 2-4 ft BGS S-17303-030703-MM-157 03/07/2003
	Units	x	a	b	c	d	e	f	g	h	i	j		
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730		4100000	730	5.5	-	-	-
Fluorene	mg/kg	-	150000	150000	150000	87000	890		4100000	890	5.3	-	-	-
Hexachlorobenzene	mg/kg	-	56	56	56	37	1.8	220	8500	8.2	0.35	-	-	-
Hexachlorobutadiene	mg/kg	-	460	460	460	350	72	350	180000	350	0.091	350	-	-
Hexachlorocyclopentadiene	mg/kg	-	60	60	60	720	320	56	5900	720	ID	720	-	-
Hexachloroethane	mg/kg	-	1400	1400	660	730	1.2	79	100000	110	1.8	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	-	-
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400	26	2400	-	-
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	-	-
Nitrobenzene	mg/kg	-	64	64	64	340	0.33	170	21000	220	3.6	490	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	NLV	NLV	NLV	5.4	0.33	NLV	2000	7.2		1500	-	-
N-Nitrosodiphenylamine	mg/kg	-	NLV	NLV	NLV	7800	22	NLV	2800000	700		-	-	-
Pentachlorophenol	mg/kg	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3		-	-	-
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100	2.1	-	-	-
Phenol	mg/kg	-	NLV	NLV	NLV	12000	260	NLV	18000000	12000	9	12000	-	-
Pyrene	mg/kg	-	780000	780000	780000	84000	480		2900000	480	ID	-	-	-
Pyridine	mg/kg	-	97	40	9.8	37	0.42	2	100000	37		37	-	-
Inorganics														
Aluminum	mg/kg	6900	NLV	NLV	NLV	370000	1	NLV	ID			-	-	-
Antimony	mg/kg	-	NLV	NLV	NLV	670	4.3	NLV	5900	49000	94	-	-	-
Arsenic	mg/kg	5.8	NLV	NLV	NLV	37	4.6	NLV	910	2000	4.6	-	-	-
Barium	mg/kg	75	NLV	NLV	NLV	130000	1300	NLV	150000		1250	-	-	-
Beryllium	mg/kg	-	NLV	NLV	NLV	1600	51	NLV	590		948	-	-	-
Cadmium	mg/kg	1.2	NLV	NLV	NLV	2100	6	NLV	2200	230000	7.32	-	-	-
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X	-	-	-
Chromium III (trivalent)	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X	-	-	-
Chromium VI (hexavalent)	mg/kg		NLV	NLV	NLV	9200	30	NLV	240	140000	3.3	-	-	-
Cobalt	mg/kg	6.8	NLV	NLV	NLV	9000	2	NLV	5900	48000	2	-	-	-
Copper	mg/kg	32	NLV	NLV	NLV	73000	5800	NLV	59000		167	-	-	-
Iron	mg/kg	12000	NLV	NLV	NLV	580000	6	NLV	ID			-	-	-
Lead	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Lead - coarse fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Lead - fine fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Magnesium	mg/kg	-	NLV	NLV	NLV		22000	NLV	2900000			-	-	-
Manganese	mg/kg	440	NLV	NLV	NLV	90000	1	NLV	1500	180000	128	-	-	-
Mercury	mg/kg	0.13	62	62	62	580	1.7	89	8800	47	0.05	-	-	-
Nickel	mg/kg	20	NLV	NLV	NLV	150000	100	NLV	16000		166	-	-	-
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.41	NLV	NLV	NLV	9600	4	NLV	59000	78000	0.4	-	-	-
Silver	mg/kg	1	NLV	NLV	NLV	9000	13	NLV	2900	200000	0.1	-	-	-
Sodium	mg/kg	-	NLV	NLV	NLV		7000	NLV	ID			-	-	-
Thallium	mg/kg	-	NLV	NLV	NLV	130	2.3	NLV	5900	15000	4.2	-	-	-
Vanadium	mg/kg	-	NLV	NLV	NLV	5500	990	NLV	ID		190	-	-	-
Zinc	mg/kg	-	NLV	NLV	NLV	630000	5000	NLV	ID		377	-	-	-
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Total PCBs	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
General Chemistry														
Carbon	%											-	-	0.22

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact ProtectionCriteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 23 BH12-99 - S-1190511-111699-SN-013 11/16/1999	PAOC 23 MW19-10 7.4-9.4 ft BGS S-17303-111903-DD-218 11/19/2003	PAOC 23 SB-1-03 2-4 ft BGS S-17303-030703-MM-157 03/07/2003
Units	x	a	b	c	d	e	f	g	h	i	j			
N-Hexane extractable material	mg/kg											-	-	-
Percent moisture	%											-	-	9.4
Total solids	%											-	93.1	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

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RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB-1-03 8-10 ft BGS S-17303-030703-MM-158 03/07/2003	PAOC 23 SB-1-03 13-15 ft BGS S-17303-030703-MM-159 03/07/2003	PAOC 23 SB-2-03 2-4 ft BGS S-17303-030703-MM-160 03/07/2003	PAOC 23 SB-2-03 8-10 ft BGS S-17303-030703-MM-161 03/07/2003	PAOC 23 SB-2-03 13-15 ft BGS S-17303-030703-MM-162 03/07/2003	PAOC 23 SB-3-03 4-5 ft BGS S-17303-030703-MM-163 03/07/2003	PAOC 23 SB-3-03 6-8 ft BGS S-17303-030703-MM-164 03/07/2003	PAOC 23 SB-3-03 13-15 ft BGS S-17303-030703-MM-165 03/07/2003	PAOC 23 SB-3-03 TP19-01 0-11 ft BGS SO-17303-MA-060403-198 06/04/2003	PAOC 23 TP19-02 - SO-17303-MA-060303-194 06/03/2003	PAOC 19 TP19-05 - SO-17303-MA-060403-196 06/04/2003	PAOC 19 TP19-05 0-11 ft BGS SO-17303-MA-060503-199 06/05/2003
Units													
VOCs													
1,1,1,2-Tetrachloroethane	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
1,1,2,2-Tetrachloroethane	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
1,1,2-Trichloroethane	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
1,1-Dichloroethane	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
1,1-Dichloroethene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
1,2,3-Trichloropropane	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
1,2,4-Trimethylbenzene	mg/kg	1.1 ⁱ	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	-	-	0.32 U	0.27 U	0.32 U	0.28 U
1,2-Dichlorobenzene	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
1,2-Dichloroethane	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	0.065 U	0.15	0.064 U	0.055 U
1,2-Dichloropropane	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
1,3,5-Trimethylbenzene	mg/kg	0.45	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	0.065 U	0.055 U	0.064 U	0.055 U
1,4-Dichlorobenzene	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
1-Chloro-2,3-epoxypropane	mg/kg	1.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.82 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.97 U	0.82 U	0.96 U	0.83 U
2-Hexanone	mg/kg	2.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2 U	2.7 U	3.2 U	2.8 U
2-Nitropropane	mg/kg	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	3.2 U	2.7 U	3.2 U	2.8 U
Acetone	mg/kg	-	-	-	-	-	-	-	-	0.97 U	0.82 U	0.96 U	0.83 U
alpha-Methylstyrene	mg/kg	0 U	0 U	0 U	0 U	0 U	0 U	0 U	0 U	-	-	-	-
Benzene	mg/kg	-	-	-	-	-	-	-	-	0.25 ^e	0.055 U	0.064 U	0.055 U
Bromobenzene	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
Bromodichloromethane	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
Bromoform	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
Bromomethane (Methyl bromide)	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
Carbon disulfide	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
Carbon tetrachloride	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
Chlorobenzene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
Chlorobromomethane	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
Chloroethane	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
Chloroform (Trichloromethane)	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
Chloromethane (Methyl chloride)	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
cis-1,2-Dichloroethene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.15	0.064 U	0.055 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	0.065 U	0.055 U	0.064 U	0.055 U
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	1.6 U	1.3 U	1.5 U	1.3 U
Cyclohexanone	mg/kg	27 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	0.19 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
Dibromochloromethane	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
Dibromomethane	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	-	-	0.13 U	0.11 U	0.13 U	0.11 U
Ethyl ether	mg/kg	1.1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	-	-	-	-
Ethylbenzene	mg/kg	0.13	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	4.4 st	0.055 U	0.064 U	0.055 U
Iodomethane	mg/kg	0.55 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	-	-	-	-
Isopropyl benzene	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.17 J	4.9 ⁱ	0.27 U	0.32 U	0.28 U
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	1.6 U	1.3 U	1.5 U	1.3 U
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	1.4	0.55 U	0.64 U	0.55 U
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	-	-	0.32 U	0.27 U	0.32 U	0.28 U
Methylene chloride	mg/kg	0.27 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.32 U	0.27 U	0.32 U	0.28 U
Naphthalene	mg/kg	0.55	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
N-Propylbenzene	mg/kg	0.2 J	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	-	-	-	-
Styrene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
Tetrachloroethene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
Toluene	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB-1-03 8-10 ft BGS	PAOC 23 SB-1-03 13-15 ft BGS	PAOC 23 SB-2-03 2-4 ft BGS	PAOC 23 SB-2-03 8-10 ft BGS	PAOC 23 SB-2-03 13-15 ft BGS	PAOC 23 SB-3-03 4-5 ft BGS	PAOC 23 SB-3-03 6-8 ft BGS	PAOC 23 SB-3-03 13-15 ft BGS	PAOC 23 TP19-01 0-11 ft BGS	PAOC 23 TP19-02 -	PAOC 19 TP19-05 -	PAOC 19 TP19-05 0-11 ft BGS
		S-17303-030703-MM-158	S-17303-030703-MM-159	S-17303-030703-MM-160	S-17303-030703-MM-161	S-17303-030703-MM-162	S-17303-030703-MM-163	S-17303-030703-MM-164	S-17303-030703-MM-165	SO-17303-MA-060403-198	SO-17303-MA-060303-194	SO-17303-MA-060403-196	SO-17303-MA-060503-199
		03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	06/04/2003	06/03/2003	06/04/2003	06/05/2003
	Units												
trans-1,2-Dichloroethene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
trans-1,3-Dichloropropene	mg/kg	0.055 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.065 U	0.055 U	0.064 U	0.055 U
trans-1,4-Dichloro-2-butene	mg/kg	5.5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	-	-	-	-
Trichloroethene	mg/kg	0.055 U	0.05 U	0.05 U	0.34 ^e	0.05 U	0.05 U	0.68 ^e	0.05 U	0.065 U	1.8 ^e	1.4 ^e	0.055 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	-	-	0.13 U	0.11 U	0.13 U	0.11 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	-	-	0.32 U	0.27 U	0.32 U	0.28 U
Vinyl chloride	mg/kg	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13 U	0.11 U	0.13 U	0.11 U
Xylenes (total)	mg/kg	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.19 U	0.16 U	0.19 U	0.17 U
SVOCs													
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	3.3	0.42 U	0.37 U
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	2.6 U	4.4 U	2.6 U	2.2 U
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	2.2 U	3.7 U	2.2 U	1.9 U
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	20 ⁱ	0.42 U	0.37 U
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Anthracene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	26	0.42 U	0.37 U
Atrazine	mg/kg	-	-	-	-	-	-	-	-	0.19 U	0.33 U	0.19 U	0.17 U
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	47	0.42 U	0.37 U
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	41 ^d	0.42 U	0.37 U
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	53	0.42 U	0.37 U
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	24	0.42 U	0.37 U
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	24	0.42 U	0.37 U
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	1.1	0.42 U	0.37 U
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	0.13 U	0.22 U	0.13 U	0.11 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Carbazole	mg/kg	-	-	-	-	-	-	-	-	0.43 U	14 U	0.42 U	0.37 U
Chrysene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	41	0.42 U	0.37 U
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	14 U	0.42 U	0.37 U
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	0.43 U	14 U	0.42 U	0.37 U
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 19	PAOC 19
Sample Location:		SB-1-03	SB-2-03	SB-2-03	SB-2-03	SB-2-03	SB-3-03	SB-3-03	SB-3-03	SB-3-03	SB-3-03	TP19-05	TP19-05
Sample Depth:		8-10 ft BGS	13-15 ft BGS	2-4 ft BGS	8-10 ft BGS	13-15 ft BGS	4-5 ft BGS	6-8 ft BGS	13-15 ft BGS	0-11 ft BGS	-	-	0-11 ft BGS
Sample ID:		S-17303-030703-MM-158	S-17303-030703-MM-159	S-17303-030703-MM-160	S-17303-030703-MM-161	S-17303-030703-MM-162	S-17303-030703-MM-163	S-17303-030703-MM-164	S-17303-030703-MM-165	SO-17303-MA-060403-198	SO-17303-MA-060303-194	SO-17303-MA-060403-196	SO-17303-MA-060503-199
Sample Date:		03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	06/04/2003	06/03/2003	06/04/2003	06/05/2003
Sample Type:													
Parameter:	Units												
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	98 ⁱ	0.42 U	0.37 U
Fluorene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	15 ⁱ	0.42 U	0.37 U
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	18	0.42 U	0.37 U
Isophorone	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	14 U	0.42 U	0.37 U
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	0.26 U	0.44 U	0.26 U	0.22 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	1 U	1.8 U	1 U	0.89 U
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	1.1	94 ⁱ	0.42 U	0.37 U
Phenol	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.72 U	0.42 U	0.37 U
Pyrene	mg/kg	-	-	-	-	-	-	-	-	0.43 U	83	0.42 U	0.37 U
Pyridine	mg/kg	-	-	-	-	-	-	-	-	0.43 U	-	0.42 U	-
Inorganics													
Aluminum	mg/kg	-	-	-	-	-	-	-	-	945	2970	2620	1040
Antimony	mg/kg	-	-	-	-	-	-	-	-	3.37	29.6 ^e	8.78 ^e	3.25
Arsenic	mg/kg	-	-	-	-	-	-	-	-	0.61 J	3.05 J	1.81 J	6.23 ^{nei}
Barium	mg/kg	-	-	-	-	-	-	-	-	4.83 J	28.5 J	15.9 J	2.61 J
Beryllium	mg/kg	-	-	-	-	-	-	-	-	0.26 UJ	0.22 U	0.26 UJ	0.22 U
Cadmium	mg/kg	-	-	-	-	-	-	-	-	0.065 UJ	0.871 J	0.409 J	0.513
Calcium	mg/kg	-	-	-	-	-	-	-	-	36800	1100 U	20000	37600
Chromium	mg/kg	-	-	-	-	-	-	-	-	8.98	35.4	27.2	7.7
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	1.26	2.3	2.45	1.25
Copper	mg/kg	-	-	-	-	-	-	-	-	1.5 J	11.5 J	6.47 J	2.19 J
Iron	mg/kg	-	-	-	-	-	-	-	-	2800	8720	5990	2240
Lead	mg/kg	-	-	-	-	-	-	-	-	1.7	969 ^{xde}	15.1	1.31
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	6850	7780	4530	5970
Manganese	mg/kg	-	-	-	-	-	-	-	-	94.6	180	173	68.7
Mercury	mg/kg	-	-	-	-	-	-	-	-	0.13 U	0.11 U	0.13 U	0.11 U
Nickel	mg/kg	-	-	-	-	-	-	-	-	3.23	6.14	6.37	3.31
Potassium	mg/kg	-	-	-	-	-	-	-	-	260 U	220 U	299	220 U
Selenium	mg/kg	-	-	-	-	-	-	-	-	0.26 U	0.22 U	0.26 U	0.571 ^{sti}
Silver	mg/kg	-	-	-	-	-	-	-	-	0.65 UJ	0.55 UJ	0.64 UJ	0.55 UJ
Sodium	mg/kg	-	-	-	-	-	-	-	-	238 J	222 J	64 UJ	102 J
Thallium	mg/kg	-	-	-	-	-	-	-	-	1.32	6.47 ^{eti}	4.43 ^{eti}	1.67
Vanadium	mg/kg	-	-	-	-	-	-	-	-	4.78	8.54	8.56	3.49
Zinc	mg/kg	-	-	-	-	-	-	-	-	10.4	72.9	49.2	8.81
PCBs													
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.36 U	0.42 U	0.37 U
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.36 U	0.42 U	0.37 U
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.36 U	0.42 U	0.37 U
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.36 U	0.42 U	0.37 U
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.36 U	0.42 U	0.37 U
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	0.36 U	0.42 U	0.37 U
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	0.43 U	1.6	0.42 U	0.37 U
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	0.43 U	1.6	0.42 U	0.37 U
General Chemistry													
Carbon	%	0.295	0.061 U	0.056 U	0.148	0.0812	0.053 U	0.0779	0.0758	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 19	PAOC 19
Sample Location:	SB-1-03	SB-1-03	SB-2-03	SB-2-03	SB-2-03	SB-3-03	SB-3-03	SB-3-03	SB-3-03	TP19-01	TP19-02	TP19-05
Sample Depth:	8-10 ft BGS	13-15 ft BGS	2-4 ft BGS	8-10 ft BGS	13-15 ft BGS	4-5 ft BGS	6-8 ft BGS	13-15 ft BGS	0-11 ft BGS	-	-	0-11 ft BGS
Sample ID:	S-17303-030703-MM-158	S-17303-030703-MM-159	S-17303-030703-MM-160	S-17303-030703-MM-161	S-17303-030703-MM-162	S-17303-030703-MM-163	S-17303-030703-MM-164	S-17303-030703-MM-165	SO-17303-MA-060403-198	SO-17303-MA-060303-194	SO-17303-MA-060403-196	SO-17303-MA-060503-199
Sample Date:	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	03/07/2003	06/04/2003	06/03/2003	06/04/2003
Sample Type:												
Parameter:												
	Units											
N-Hexane extractable material	mg/kg	1700	180	310	120 U	100 U	160	110 U	160	-	-	-
Percent moisture	%	8.9	18.1	10.2	14.4	4.5	5	5.8	14	22.8	8.9	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 TP19-06 - SO-17303-MA-060403-195 06/04/2003	PAOC 23 GP19-01D 0-3 ft BGS SO-17303-052505-DR-0702 05/25/2005	PAOC 23 GP19-01D 3-6 ft BGS SO-17303-052505-DR-0703 05/25/2005	PAOC 23 GP19-01D 6-9 ft BGS SO-17303-052505-DR-0704 05/25/2005	PAOC 23 GP19-01D 9-12 ft BGS SO-17303-052505-DR-0705 05/25/2005	PAOC 23 GP19-02D 0-3 ft BGS SO-17303-052705-DR-0714 05/27/2005	PAOC 23 GP19-02D 3-6 ft BGS SO-17303-052705-DR-0715 05/27/2005	PAOC 23 GP19-02D 6-9 ft BGS SO-17303-052705-DR-0716 05/27/2005	PAOC 23 GP19-02D 9-12 ft BGS SO-17303-052705-DR-0717 05/27/2005	PAOC 23 GP19-03D 0-3 ft BGS SO-17303-052705-DR-0710 05/27/2005	PAOC 23 GP19-03D 3-6 ft BGS SO-17303-052705-DR-0711 05/27/2005
VOCs	Units											
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,1,2,2-Tetrachloroethane	mg/kg	0.11 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,1,2-Trichloroethane	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,1-Dichloroethane	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,1-Dichloroethene	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.28 U	0.21 U	0.21 U	0.062 J	0.15 J	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
1,2-Dichlorobenzene	mg/kg	0.11 U	0.085 U	0.084 U	0.088 U	0.035 J	0.088 U	0.08 U	0.089 U	0.078 U	39 U	340 U
1,2-Dichloroethane	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,2-Dichloroethene (total)	mg/kg	0.057 U	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.11 U	0.085 U	0.084 U	0.088 U	0.084 U	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U
1,3-Dichloropropene	mg/kg	0.057 U	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.32	0.085 U	0.084 U	0.088 U	0.084 U	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.85 U	0.64 U	0.63 U	0.66 U	0.63 U	0.63 U	0.6 U	0.67 U	0.58 U	290 U	2500 U
2-Hexanone	mg/kg	2.8 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2 U	2.2 U	1.9 U	980 U	8400 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.8 U	2.1 U	2.1 U	2.2 U	2.1 U	2.1 U	2 U	2.2 U	1.9 U	980 U	8400 U
Acetone	mg/kg	1.4	0.64 U	0.63 U	0.66 U	0.63 U	0.63 U	0.6 U	0.67 U	0.58 U	290 U	2500 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.0076 J	0.044 U	0.039 U	20 U	170 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.11 U	0.085 UJ	0.084 UJ	0.088 UJ	0.084 UJ	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U
Bromoform	mg/kg	0.11 U	0.085 U	0.084 U	0.088 U	0.084 U	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U
Bromomethane (Methyl bromide)	mg/kg	0.28 U	0.17 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	0.18 U	0.16 U	78 U	670 U
Carbon disulfide	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
Carbon tetrachloride	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Chlorobenzene	mg/kg	0.46	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
Chloroform (Trichloromethane)	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Chloromethane (Methyl chloride)	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
cis-1,2-Dichloroethene	mg/kg	0.057 U	0.043 U	0.042 U	0.16	0.34	0.042 U	0.1	0.044 U	0.15	38 ^{ef}	260 ^{efhj}
cis-1,3-Dichloropropene	mg/kg	0.057 U	0.043 UJ	0.042 UJ	0.044 UJ	0.042 UJ	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Cyclohexane	mg/kg	1.4 U	1 U	1 U	1.1 U	1 U	1 U	0.0091 J	1.1 U	0.93 U	470 U	4000 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.11 U	0.085 U	0.084 U	0.088 U	0.084 U	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	10 ^{ef}	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.045	0.015 J	0.0077 J	3.3 ^{ef}	190 ^{defhij}
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	7.8 ^f	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.019 J	0.22 U	0.19 U	98 U	840 U
Methyl acetate	mg/kg	1.4 U	1 U	1 U	1.1 U	1 U	1 U	0.96 U	1.1 U	0.93 U	470 U	4000 U
Methyl cyclohexane	mg/kg	7.2	1 U	1 U	1.1 U	1 U	1 U	0.028 J	1.1 U	0.93 U	470 U	4000 U
Methyl tert butyl ether (MTBE)	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
Methylene chloride	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Tetrachloroethene	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
Toluene	mg/kg	0.11 U	0.085 U	0.084 U	0.088 U	0.084 U	0.084 U	0.064 J	0.089 U	0.078 U	39 U	80 ^{ef}

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 TP19-06 - SO-17303-MA-060403-195 06/04/2003	PAOC 23 GP19-01D 0-3 ft BGS SO-17303-052505-DR-0702 05/25/2005	PAOC 23 GP19-01D 3-6 ft BGS SO-17303-052505-DR-0703 05/25/2005	PAOC 23 GP19-01D 6-9 ft BGS SO-17303-052505-DR-0704 05/25/2005	PAOC 23 GP19-01D 9-12 ft BGS SO-17303-052505-DR-0705 05/25/2005	PAOC 23 GP19-02D 0-3 ft BGS SO-17303-052705-DR-0714 05/27/2005	PAOC 23 GP19-02D 3-6 ft BGS SO-17303-052705-DR-0715 05/27/2005	PAOC 23 GP19-02D 6-9 ft BGS SO-17303-052705-DR-0716 05/27/2005	PAOC 23 GP19-02D 9-12 ft BGS SO-17303-052705-DR-0717 05/27/2005	PAOC 23 GP19-03D 0-3 ft BGS SO-17303-052705-DR-0710 05/27/2005	PAOC 23 GP19-03D 3-6 ft BGS SO-17303-052705-DR-0711 05/27/2005
	Units											
trans-1,2-Dichloroethene	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
trans-1,3-Dichloropropene	mg/kg	0.057 U	0.043 U	0.042 U	0.044 U	0.042 U	0.042 U	0.04 U	0.044 U	0.039 U	20 U	170 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.057 U	0.033 J	0.042 U	0.43 ^e	2 ^e	0.21 ^e	0.84 ^e	0.41 ^e	0.88 ^e	540 ^{bcdefhij}	5400 ^{bcdefhij}
Trichlorofluoromethane (CFC-11)	mg/kg	0.11 U	0.085 U	0.084 U	0.088 U	0.084 U	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.28 U	0.21 U	0.21 U	0.22 U	0.21 U	0.21 U	0.2 U	0.22 U	0.19 U	98 U	840 U
Vinyl chloride	mg/kg	0.11 U	0.034 U	0.034 U	0.035 U	0.034 U	0.034 U	0.032 U	0.036 U	0.031 U	16 U	130 U
Xylenes (total)	mg/kg	18.7 ^{ea}	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.29	0.14	0.073 J	35 ^{et}	1900 ^{defhij}
SVOCs												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	1.4	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	4.6 U	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	3.9 U	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	0.34 U	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	0.23 U	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		TP19-06	GP19-01D	GP19-01D	GP19-01D	GP19-01D	GP19-01D	GP19-02D	GP19-02D	GP19-02D	GP19-02D	GP19-03D	GP19-03D
Sample Depth:		-	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	3-6 ft BGS
Sample ID:		SO-17303-MA-060403-195	SO-17303-052505-DR-0702	SO-17303-052505-DR-0703	SO-17303-052505-DR-0704	SO-17303-052505-DR-0705	SO-17303-052705-DR-0714	SO-17303-052705-DR-0715	SO-17303-052705-DR-0716	SO-17303-052705-DR-0717	SO-17303-052705-DR-0710	SO-17303-052705-DR-0711	
Sample Date:		06/04/2003	05/25/2005	05/25/2005	05/25/2005	05/25/2005	05/25/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005
Sample Type:													
Parameter:	Units												
Fluoranthene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	1.1 ⁱ	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	0.46 U	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	1.8 U	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/kg	0.75 U	-	-	-	-	-	-	-	-	-	-	-
Inorganics													
Aluminum	mg/kg	5020	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	32.6 ^e	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	4.56 J	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	223 J	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	0.23 UJ	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	6.9 J ^{se}	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	13000	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	56.1	-	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	7.94 ^{xei}	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	12.1 J	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	10900	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	58.1	-	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	5730	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	216	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.11 U	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	12	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	502	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	1.04 J ^{xi}	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	0.57 UJ	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	605 J	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	9.18 ^{xi}	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	14.5	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	145	-	-	-	-	-	-	-	-	-	-	-
PCBs													
Aroclor-1016 (PCB-1016)	mg/kg	0.38 U	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	0.38 U	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	0.38 U	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	0.38 U	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	0.38 U	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	0.38 U	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	0.47	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	mg/kg	0.47	-	-	-	-	-	-	-	-	-	-	-
General Chemistry													
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		TP19-06	GP19-01D	GP19-01D	GP19-01D	GP19-01D	GP19-02D	GP19-02D	GP19-02D	GP19-02D	GP19-03D	GP19-03D
Sample Depth:		-	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS
Sample ID:		SO-17303-MA-060403-195	SO-17303-052505-DR-0702	SO-17303-052505-DR-0703	SO-17303-052505-DR-0704	SO-17303-052505-DR-0705	SO-17303-052705-DR-0714	SO-17303-052705-DR-0715	SO-17303-052705-DR-0716	SO-17303-052705-DR-0717	SO-17303-052705-DR-0710	SO-17303-052705-DR-0711
Sample Date:		06/04/2003	05/25/2005	05/25/2005	05/25/2005	05/25/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005
Sample Type:												
Parameter:	Units											
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	12	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	94.1	94.9	84.1	95.2	95.0	96.3	90.0	94.6	88.8	56.5

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		GP19-03D	GP19-03D	MW19-25	GP19-03D	MW19-25	MW19-25	MW19-25	SB23-03	MW19-25	SB23-03	SB23-03	SB23-03
Sample Depth:		6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	3-6 ft BGS	6-9 ft BGS	9-11 ft BGS	9-11 ft BGS
Sample ID:		SO-17303-052705-DR-0712	SO-17303-052705-DR-0713	SO-17303-052705-DR-0706	SO-17303-052705-DR-0707	SO-17303-052705-DR-0708	SO-17303-052705-DR-0709	SO-17303-060305-DR-0736	SO-17303-060305-DR-0737	SO-17303-060305-DR-0738	SO-17303-060305-DR-0739	SO-17303-060305-DR-0740	
Sample Date:		05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005
Sample Type:													
Parameter:	Units												Duplicate
VOCs													
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2,2-Tetrachloroethane	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1,2-Trichloroethane	mg/kg	14 J ^{dt}	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1-Dichloroethane	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,1-Dichloroethene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,2-Dichloroethane	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	570 U	120 U	1.6 U	0.62 U	0.66 U	6.4 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
2-Hexanone	mg/kg	1900 U	400 U	5.2 U	2.1 U	2.2 U	21 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	1900 U	400 U	5.2 U	2.1 U	2.2 U	21 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	mg/kg	570 U	120 U	1.6 U	0.62 U	0.66 U	6.4 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.011 J	0.04 U	0.04 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 UJ	0.08 UJ	0.08 UJ	0.08 UJ	0.08 UJ	0.08 UJ
Bromoform	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Bromomethane (Methyl bromide)	mg/kg	150 U	32 U	0.42 U	0.16 U	0.18 U	1.7 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Carbon disulfide	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon tetrachloride	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Chlorobenzene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform (Trichloromethane)	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Chloromethane (Methyl chloride)	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	mg/kg	58 ^{efi}	65 ^{efi}	0.087 J	0.041 U	0.22	1.1	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
cis-1,3-Dichloropropene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 UJ	0.04 UJ	0.04 UJ	0.04 UJ	0.04 UJ	0.04 UJ
Cyclohexane	mg/kg	910 U	190 U	2.5 U	0.99 U	1.1 U	10 U	0.96 U	0.96 U	0.96 U	0.037 J	0.96 U	0.96 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	63 ^{eti}	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.0099 J	0.04 U	0.04 U
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.05 J	0.2 U	0.2 U
Methyl acetate	mg/kg	910 U	190 U	2.5 U	0.99 U	1.1 U	10 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
Methyl cyclohexane	mg/kg	910 U	190 U	2.5 U	0.99 U	1.1 U	10 U	0.96 U	0.96 U	0.96 U	0.068 J	0.96 U	0.03 J
Methyl tert butyl ether (MTBE)	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene chloride	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Tetrachloroethene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Toluene	mg/kg	24 J ^{eti}	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.0091 J	0.08 U	0.08 U

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 GP19-03D 6-9 ft BGS SO-17303-052705-DR-0712 05/27/2005	PAOC 23 GP19-03D 9-12 ft BGS SO-17303-052705-DR-0713 05/27/2005	PAOC 23 MW19-25 0-3 ft BGS SO-17303-052705-DR-0706 05/27/2005	PAOC 23 MW19-25 3-6 ft BGS SO-17303-052705-DR-0707 05/27/2005	PAOC 23 MW19-25 6-9 ft BGS SO-17303-052705-DR-0708 05/27/2005	PAOC 23 MW19-25 9-12 ft BGS SO-17303-052705-DR-0709 05/27/2005	PAOC 23 SB23-03 0-3 ft BGS SO-17303-060305-DR-0736 06/03/2005	PAOC 23 SB23-03 3-6 ft BGS SO-17303-060305-DR-0737 06/03/2005	PAOC 23 SB23-03 6-9 ft BGS SO-17303-060305-DR-0738 06/03/2005	PAOC 23 SB23-03 9-11 ft BGS SO-17303-060305-DR-0739 06/03/2005	PAOC 23 SB23-03 9-11 ft BGS SO-17303-060305-DR-0740 06/03/2005 Duplicate
	Units											
trans-1,2-Dichloroethene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
trans-1,3-Dichloropropene	mg/kg	38 U	8.1 U	0.1 U	0.041 U	0.044 U	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	1600 ^{bcdefhij}	330 ^{cefi}	4.9 ^{ei}	0.04 J	2.4 ^e	17 ^{ei}	0.013 J	0.04 U	0.04 U	0.036 J	0.019 J
Trichlorofluoromethane (CFC-11)	mg/kg	76 U	16 U	0.21 U	0.082 U	0.088 U	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Trifluorotrichloroethane (Freon 113)	mg/kg	190 U	40 U	0.52 U	0.21 U	0.22 U	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl chloride	mg/kg	30 U	6.5 U	0.084 U	0.033 U	0.035 U	0.34 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U
Xylenes (total)	mg/kg	700 ^{defhij}	24 U	0.31 U	0.12 U	0.13 U	1.3 U	0.12 U	0.12 U	0.12 U	0.054 J	0.12 U
SVOCs												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	0.38 U	0.15 U	0.15 U	0.15 UJ	0.15 U
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
2-Chlorophenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.037 J	0.077 J
2-Methylphenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
2-Nitroaniline	mg/kg	-	-	-	-	-	-	0.5 U	0.2 U	0.2 U	0.2 UJ	0.2 U
2-Nitrophenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 UJ	0.26 U	0.26 U	0.26 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	4 U	1.6 U	1.6 U	1.6 U	1.6 U
3-Nitroaniline	mg/kg	-	-	-	-	-	-	0.5 U	0.2 U	0.2 U	0.2 UJ	0.2 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	0.38 U	0.15 U	0.15 U	0.15 U	0.15 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
4-Chloroaniline	mg/kg	-	-	-	-	-	-	0.38 U	0.15 U	0.15 U	0.15 U	0.15 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
4-Methylphenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
4-Nitroaniline	mg/kg	-	-	-	-	-	-	0.5 U	0.2 U	0.2 U	0.2 UJ	0.2 U
4-Nitrophenol	mg/kg	-	-	-	-	-	-	0.82 U	0.33 U	0.33 U	0.33 UJ	0.33 U
Acenaphthene	mg/kg	-	-	-	-	-	-	0.2 J	0.26 U	0.26 U	0.017 J	0.26 U
Acenaphthylene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
Acetophenone	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Anthracene	mg/kg	-	-	-	-	-	-	0.34 J	0.017 J	0.26 U	0.018 J	0.18 J
Atrazine	mg/kg	-	-	-	-	-	-	0.1 U	0.04 U	0.04 U	0.04 U	0.04 U
Benzaldehyde	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	0.94 J	0.07 J	0.26 U	0.041 J	0.28
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	0.93 J	0.095 J	0.26 U	0.033 J	0.26
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	1.1 J	0.11 J	0.26 U	0.042 J	0.31
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	0.55 J	0.061 J	0.26 U	0.023 J	0.13 J
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	0.53 J	0.042 J	0.26 U	0.024 J	0.12 J
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	0.044 J	0.26 U	0.26 U	0.26 U	0.26 U
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	0.2 U	0.08 U	0.08 U	0.08 U	0.08 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.031 J
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Caprolactam	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Carbazole	mg/kg	-	-	-	-	-	-	0.24 J	0.26 U	0.26 U	0.053 J	0.26
Chrysene	mg/kg	-	-	-	-	-	-	0.95 J	0.075 J	0.26 U	0.046 J	0.26
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	0.14 J	0.029 J	0.26 U	0.26 U	0.046 J
Dibenzofuran	mg/kg	-	-	-	-	-	-	0.068 J	0.26 U	0.26 U	0.26 UJ	0.039 J
Diethyl phthalate	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 GP19-03D 6-9 ft BGS SO-17303-052705-DR-0712 05/27/2005	PAOC 23 GP19-03D 9-12 ft BGS SO-17303-052705-DR-0713 05/27/2005	PAOC 23 MW19-25 0-3 ft BGS SO-17303-052705-DR-0706 05/27/2005	PAOC 23 GP19-25 3-6 ft BGS SO-17303-052705-DR-0707 05/27/2005	PAOC 23 MW19-25 6-9 ft BGS SO-17303-052705-DR-0708 05/27/2005	PAOC 23 MW19-25 9-12 ft BGS SO-17303-052705-DR-0709 05/27/2005	PAOC 23 SB23-03 MW19-25 0-3 ft BGS SO-17303-060305-DR-0736 06/03/2005	PAOC 23 SB23-03 MW19-25 3-6 ft BGS SO-17303-060305-DR-0737 06/03/2005	PAOC 23 SB23-03 MW19-25 6-9 ft BGS SO-17303-060305-DR-0738 06/03/2005	PAOC 23 SB23-03 MW19-25 9-11 ft BGS SO-17303-060305-DR-0739 06/03/2005	PAOC 23 SB23-03 MW19-25 9-11 ft BGS SO-17303-060305-DR-0740 06/03/2005 Duplicate
	Units											
Fluoranthene	mg/kg	-	-	-	-	-	-	3.2 J	0.14 J	0.26 U	0.14 J	0.92
Fluorene	mg/kg	-	-	-	-	-	-	0.15 J	0.26 U	0.26 U	0.26 UJ	0.08 J
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	0.1 U	0.04 U	0.04 U	0.04 U	0.04 U
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U
Hexachloroethane	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	0.49 J	0.052 J	0.26 U	0.019 J	0.12 J
Isophorone	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Naphthalene	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.022 J	0.046 J
Nitrobenzene	mg/kg	-	-	-	-	-	-	0.66 UJ	0.26 U	0.26 UJ	0.26 UJ	0.26 U
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Pentachlorophenol	mg/kg	-	-	-	-	-	-	0.38 U	0.15 U	0.15 U	0.15 U	0.15 U
Phenanthrene	mg/kg	-	-	-	-	-	-	2.2 J ¹	0.054 J	0.26 U	0.077 J	0.79
Phenol	mg/kg	-	-	-	-	-	-	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U
Pyrene	mg/kg	-	-	-	-	-	-	2.2 J	0.11 J	0.26 U	0.095 J	0.63
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Inorganics												
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	-	-	-	-	-	1.9 J	0.028 J	R	0.036 J	0.083 J
Arsenic	mg/kg	-	-	-	-	-	-	2.5	1.8	3.4	1.3	1.4
Barium	mg/kg	-	-	-	-	-	-	28.2	9.6	17.9	13.0	9.9
Beryllium	mg/kg	-	-	-	-	-	-	0.30	0.16 U	0.16 U	0.16 U	0.16 U
Cadmium	mg/kg	-	-	-	-	-	-	0.39	0.034 J	0.080 U	0.025 J	0.055 J
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	18.5	14.4	10.2	11.3	8.0
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	3.2	2.7	3.6	3.6	2.8
Copper	mg/kg	-	-	-	-	-	-	8.2	5.8	8.2	7.7	6.2
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	11.6	10.7	5.0	6.2	5.2
Lead - fine fraction	mg/kg	-	-	-	-	-	-	15.7	5.4	6.6	6.7	5.5
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	12.8	7.7	5.8	6.5	5.4
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	199	63.7	139	104	135
Mercury	mg/kg	-	-	-	-	-	-	0.040 U	0.033 J	0.040 U	0.040 U	0.040 U
Nickel	mg/kg	-	-	-	-	-	-	7.8	5.7	8.0	8.7	6.0
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	0.16 U	0.094 J	0.11 J	0.10 J	0.16 U
Silver	mg/kg	-	-	-	-	-	-	0.042 J	0.017 J	0.026 J	0.029 J	0.031 J
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	0.066 J	0.035 J	0.061 J	0.060 J	0.054 J
Vanadium	mg/kg	-	-	-	-	-	-	9.8	8.5	14.4	12.5	8.9
Zinc	mg/kg	-	-	-	-	-	-	50.2 J	20.6	16.8	18.5	17.9
PCBs												
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	0.011 J	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	0.065 J	0.024 J	0.26 U	0.0052 J	0.0079 J
Total PCBs	mg/kg	-	-	-	-	-	-	0.077 J	0.26 U	0.26 U	0.26 U	0.26 U
General Chemistry												
Carbon	%	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	GP19-03D	GP19-03D	MW19-25	MW19-25	MW19-25	MW19-25	SB23-03	SB23-03	SB23-03	SB23-03	SB23-03	SB23-03
Sample Depth:	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-12 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-11 ft BGS	9-11 ft BGS	9-11 ft BGS
Sample ID:	SO-17303-052705-DR-0712	SO-17303-052705-DR-0713	SO-17303-052705-DR-0706	SO-17303-052705-DR-0707	SO-17303-052705-DR-0708	SO-17303-052705-DR-0709	SO-17303-060305-DR-0736	SO-17303-060305-DR-0737	SO-17303-060305-DR-0738	SO-17303-060305-DR-0739	SO-17303-060305-DR-0740	SO-17303-060305-DR-0740
Sample Date:	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	05/27/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005
Sample Type:												
Parameter:												Duplicate
Units												
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	91.4	92.6	95.4	95.1	90.4	93.5	99.2 / 98.7 / 92.3	99.1 / 99.0 / 90.0	82.7 / 98.5 / 98.5	98.9 / 99.0 / 87.9	98.9 / 99.1 / 88.1

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB23-04 0-3 ft BGS SO-17303-060305-DR-0732 06/03/2005	PAOC 23 SB23-04 3-6 ft BGS SO-17303-060305-DR-0733 06/03/2005	PAOC 23 SB23-04 6-9 ft BGS SO-17303-060305-DR-0734 06/03/2005	PAOC 23 SB23-04 9-11 ft BGS SO-17303-060305-DR-0735 06/03/2005	PAOC 23 TP-A30 2-2 ft BGS SO-17303-061405-BW-0777 06/14/2005	PAOC 23 TP-A30 5.7-5.7 ft BGS SO-17303-061405-BW-0779 06/14/2005	PAOC 23 TP-A30 16-16 ft BGS SO-17303-061405-BW-0780 06/14/2005	PAOC 23 SB19-49 0-2 ft BGS SO-17303-020812-CB-013 02/08/2012	PAOC 23 SB19-49 10-11.25 ft BGS SO-17303-020812-CB-014 02/08/2012	PAOC 23 SB19-50 0-2 ft BGS SO-17303-020812-CB-015 02/08/2012	PAOC 23 SB19-50 9-11 ft BGS SO-17303-020812-CB-016 02/08/2012	PAOC 23 SB19-50 9-11 ft BGS SO-17303-020812-CB-017 02/08/2012 Duplicate
	Units												
VOCs													
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,1,2,2-Tetrachloroethane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,1,2-Trichloroethane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,1-Dichloroethane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,1-Dichloroethene	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.017 J	0.22 U	0.23 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
1,2-Dichlorobenzene	mg/kg	0.077 U	0.08 U	0.29 U	0.08 U	540 U	160 U	1.6 U	0.086 U	21 U	0.084 U	0.088 U	0.09 U
1,2-Dichloroethane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.077 U	0.08 U	0.29 U	0.08 U	540 U	160 U	1.6 U	0.086 U	21 U	0.084 U	0.088 U	0.09 U
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	0.086 U	21 U	0.084 U	0.088 U	0.09 U
1,4-Dichlorobenzene	mg/kg	0.077 U	0.08 U	0.29 U	0.08 U	540 U	160 U	1.6 U	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.58 U	0.6 U	2.2 U	0.6 U	4100 U	1200 U	12 U	0.65 U	160 U	0.63 U	0.66 U	0.68 U
2-Hexanone	mg/kg	1.9 U	2 U	7.2 U	2 U	14000 U	3900 U	40 U	2.2 U	520 U	2.1 U	2.2 U	2.3 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	1.9 U	2 U	7.2 U	2 U	14000 U	3900 U	40 U	2.2 U	520 U	2.1 U	2.2 U	2.3 U
Acetone	mg/kg	0.58 U	0.6 U	2.2 U	0.6 U	4100 U	1200 U	12 U	0.65 U	160 U	0.63 U	0.66 U	0.68 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.038 U	0.04 U	0.047 J	0.014 J	270 U	78 U	0.8 U	0.043 U	67 ^{cdfi}	0.042 U	0.044 U	0.045 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.077 U	0.08 UJ	0.29 UJ	0.08 UJ	540 UJ	160 UJ	1.6 UJ	0.086 U	21 U	0.084 U	0.088 U	0.09 U
Bromoform	mg/kg	0.077 U	0.08 U	0.29 U	0.08 U	540 U	160 U	1.6 U	0.086 U	21 U	0.084 U	0.088 U	0.09 U
Bromomethane (Methyl bromide)	mg/kg	0.15 U	0.16 U	0.58 U	0.16 U	1100 U	310 U	3.2 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
Carbon disulfide	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
Carbon tetrachloride	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
Chlorobenzene	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	0.22 U	52 U	0.21 U	0.22 U	0.23 U
Chloroethane	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
Chloromethane (Methyl chloride)	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
cis-1,2-Dichloroethene	mg/kg	0.21	0.19	4.7 ^e	1.5 ^e	1400 ^{abcdefhij}	300 ^{efi}	2 ^e	0.12	170 ^{efi}	0.05	0.039 J	0.14 J
cis-1,3-Dichloropropene	mg/kg	0.038 U	0.04 UJ	0.14 UJ	0.04 UJ	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
Cyclohexane	mg/kg	0.92 U	0.96 U	3.5 U	0.027 J	6500 U	100 J	19 U	1 U	250 U	1 U	1.1 U	1.1 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.077 U	0.08 U	0.29 U	0.08 U	540 U	160 U	1.6 U	0.086 U	21 U	0.084 U	0.088 U	0.09 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.038 U	0.04 U	0.029 J	0.013 J	280 ^{defhij}	89 ^{ei}	0.8 U	0.043 U	310 ^{defhij}	0.042 U	0.044 U	0.094
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.19 U	0.2 U	0.02 J	0.052 J	290 J ^{ei}	80 J ⁱ	4 U	0.22 U	27 J ⁱ	0.21 U	0.22 U	0.014 J
Methyl acetate	mg/kg	0.92 U	0.96 U	3.5 U	0.96 U	6500 U	1900 U	19 U	1 U	250 U	1 U	1.1 U	1.1 U
Methyl cyclohexane	mg/kg	0.92 U	0.96 U	0.092 J	0.037 J	79 J	31 J	19 U	1 U	71 J	0.034 J	0.013 J	0.088 J
Methyl tert butyl ether (MTBE)	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
Methylene chloride	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
Tetrachloroethene	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.095	0.051	0.089
Toluene	mg/kg	0.077 U	0.08 U	0.23 J	0.089	930 ^{defhij}	450 ^{defhij}	1.6 U	0.086 U	130 ^{ei}	0.084 U	0.088 U	0.026 J

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB23-04 0-3 ft BGS SO-17303-060305-DR-0732 06/03/2005	PAOC 23 SB23-04 3-6 ft BGS SO-17303-060305-DR-0733 06/03/2005	PAOC 23 SB23-04 6-9 ft BGS SO-17303-060305-DR-0734 06/03/2005	PAOC 23 SB23-04 9-11 ft BGS SO-17303-060305-DR-0735 06/03/2005	PAOC 23 A30 2-2 ft BGS SO-17303-061405-BW-0777 06/14/2005	PAOC 23 A30 5.7-5.7 ft BGS SO-17303-061405-BW-0779 06/14/2005	PAOC 23 TP-A30 16-16 ft BGS SO-17303-061405-BW-0780 06/14/2005	PAOC 23 SB19-49 0-2 ft BGS SO-17303-020812-CB-013 02/08/2012	PAOC 23 SB19-49 10-11.25 ft BGS SO-17303-020812-CB-014 02/08/2012	PAOC 23 SB19-50 0-2 ft BGS SO-17303-020812-CB-015 02/08/2012	PAOC 23 SB19-50 9-11 ft BGS SO-17303-020812-CB-016 02/08/2012	PAOC 23 SB19-50 9-11 ft BGS SO-17303-020812-CB-017 02/08/2012 Duplicate
	Units												
trans-1,2-Dichloroethene	mg/kg	0.038 U	0.04 U	0.14 U	0.012 J	270 U	78 U	0.8 U	0.043 U	5.3 J ^e	0.042 U	0.044 U	0.045 U
trans-1,3-Dichloropropene	mg/kg	0.038 U	0.04 U	0.14 U	0.04 U	270 U	78 U	0.8 U	0.043 U	10 U	0.042 U	0.044 U	0.045 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.16 ^e	0.017 J	0.14 U	0.047	9700 ^{abdefhij}	2500 ^{abdefhij}	0.56 J ^e	0.3 ^e	120 ^{efi}	0.17 ^e	0.16 J ^e	0.39 J ^e
Trichlorofluoromethane (CFC-11)	mg/kg	0.077 U	0.08 U	0.29 U	0.08 U	540 U	160 U	1.6 U	0.086 U	21 U	0.084 U	0.088 U	0.09 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.19 U	0.2 U	0.72 U	0.2 U	1400 U	390 U	4 U	0.22 U	52 U	0.21 U	0.22 U	0.23 U
Vinyl chloride	mg/kg	0.031 U	0.032 U	0.23 ^e	0.15 ^e	220 U	62 U	26 ^{efhi}	0.034 U	7.1 J ^{efi}	0.033 U	0.035 U	0.036 U
Xylenes (total)	mg/kg	0.12 U	0.12 U	0.17 J	0.061 J	2600 ^{defhij}	750 ^{defhij}	0.34 J	0.13 U	1500 ^{defhij}	0.13 U	0.13 U	0.46 J
SVOCs													
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2,4,5-Trichlorophenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2,4,6-Trichlorophenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2,4-Dichlorophenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2,4-Dimethylphenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2,4-Dinitrophenol	mg/kg	0.15 U	0.15 U	0.15 U	0.15 U	30 U	7.5 U	0.75 U	0.17 U	32 U	0.17 U	0.17 U	0.17 U
2,4-Dinitrotoluene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2,6-Dinitrotoluene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2-Chloronaphthalene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2-Chlorophenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2-Methylnaphthalene	mg/kg	0.039 J	0.26 U	0.26 U	0.26 U	52 J ⁱ	7.8 J ⁱ	0.1 J	0.005 J	74 ⁱ	0.0081 J	0.02 J	0.022 J
2-Methylphenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
2-Nitroaniline	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	40 U	10 U	1 U	0.22 U	43 U	0.22 U	0.22 U	0.22 U
2-Nitrophenol	mg/kg	0.26 UJ	0.26 UJ	0.26 U	0.26 UJ	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	0.29 U	11 J ⁱ	0.29 U	0.3 U	0.3 U
3,3'-Dichlorobenzidine	mg/kg	1.6 U	1.6 U	1.6 U	1.6 U	320 U	80 U	8 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
3-Nitroaniline	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	40 U	10 U	1 U	0.22 U	43 U	0.22 U	0.22 U	0.22 U
4,6-Dinitro-2-methylphenol	mg/kg	0.15 U	0.15 U	0.15 U	0.15 U	30 U	7.5 U	0.75 U	0.22 U	43 U	0.22 U	0.22 U	0.22 U
4-Bromophenyl phenyl ether	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.17 U	32 U	0.17 U	0.17 U	0.17 U
4-Chloro-3-methylphenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
4-Chloroaniline	mg/kg	0.15 U	0.15 U	0.15 U	0.15 U	30 U	7.5 U	0.75 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
4-Chlorophenyl phenyl ether	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.22 U	43 U	0.22 U	0.22 U	0.22 U
4-Methylphenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	4.1 J ^{#i}	2.6 J ^{#i}	1.3 U	-	-	-	-	-
4-Nitroaniline	mg/kg	0.2 U	0.2 U	0.2 U	0.2 U	40 U	10 U	1 U	0.22 U	43 U	0.22 U	0.22 U	0.22 U
4-Nitrophenol	mg/kg	0.33 U	0.33 U	0.33 U	0.33 U	66 U	16 U	1.6 U	0.36 U	71 U	0.37 U	0.37 U	0.37 U
Acenaphthene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	7.5 J	4.2 J	0.13 J	0.011 J	11 J ⁱ	0.015 J	0.025 J	0.024 J
Acenaphthylene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.0042 J	0.0046 J	0.0069 J
Acetophenone	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Anthracene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	2.1 J	0.095 J	0.03 J	4.9 J	0.041 J	0.049 J	0.045 J
Atrazine	mg/kg	0.04 U	0.04 U	0.04 U	0.04 U	8 U	2 U	0.2 U	0.044 U	8.6 U	0.045 U	0.045 U	0.045 U
Benzaldehyde	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Benzo(a)anthracene	mg/kg	0.08 J	0.26 U	0.26 U	0.26 U	19 J	2.7 J	1.3 U	0.16 J	5.1 J	0.32	0.18 J	0.15 J
Benzo(a)pyrene	mg/kg	0.1 J	0.26 U	0.26 U	0.26 U	7.2 J	1.7 J	1.3 U	0.15 J	3.1 J	0.34	0.19 J	0.14 J
Benzo(b)fluoranthene	mg/kg	0.14 J	0.26 U	0.26 U	0.26 U	20 J	2.6 J	1.3 U	0.23 J	5.1 J	0.48	0.25 J	0.2 J
Benzo(g,h,i)perylene	mg/kg	0.079 J	0.26 U	0.26 U	0.26 U	6.6 J	13 U	1.3 U	0.11 J	1.9 J	0.27 J	0.13 J	0.1 J
Benzo(k)fluoranthene	mg/kg	0.047 J	0.26 U	0.26 U	0.26 U	8.1 J	1.3 J	1.3 U	0.1 J	1.7 J	0.19 J	0.11 J	0.09 J
Biphenyl (1,1-Biphenyl)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	10 J	1.4 J	1.3 U	0.29 U	6.4 J	0.29 U	0.3 U	0.3 U
bis(2-Chloroethoxy)methane	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
bis(2-Chloroethyl)ether	mg/kg	0.08 U	0.08 U	0.08 U	0.08 U	16 U	4 U	0.4 U	0.088 U	17 U	0.089 U	0.09 U	0.089 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.26 U	0.26 U	0.26 U	0.018 J	53 U	13 U	1.3 U	0.022 J	57 U	0.29 U	0.038 J	0.04 J
Butyl benzylphthalate (BBP)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Caprolactam	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Carbazole	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	13 J ⁱ	1.5 J ⁱ	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Chrysene	mg/kg	0.078 J	0.26 U	0.26 U	0.26 U	23 J	3.2 J	0.13 J	0.16 J	7.2 J	0.36	0.24 J	0.18 J
Dibenz(a,h)anthracene	mg/kg	0.033 J	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.014 J
Dibenzofuran	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	40 J ⁱ	5.1 J ⁱ	0.12 J	0.0078 J	7 J ⁱ	0.005 J	0.018 J	0.019 J
Diethyl phthalate	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Dimethyl phthalate	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Di-n-butylphthalate (DBP)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	190 ⁱ	38 ⁱ	0.64 J	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Di-n-octyl phthalate (DnOP)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB23-04 0-3 ft BGS SO-17303-060305-DR-0732 06/03/2005	PAOC 23 SB23-04 3-6 ft BGS SO-17303-060305-DR-0733 06/03/2005	PAOC 23 SB23-04 6-9 ft BGS SO-17303-060305-DR-0734 06/03/2005	PAOC 23 SB23-04 9-11 ft BGS SO-17303-060305-DR-0735 06/03/2005	PAOC 23 TP-A30 2-2 ft BGS SO-17303-061405-BW-0777 06/14/2005	PAOC 23 TP-A30 5.7-5.7 ft BGS SO-17303-061405-BW-0779 06/14/2005	PAOC 23 TP-A30 16-16 ft BGS SO-17303-061405-BW-0780 06/14/2005	PAOC 23 SB19-49 0-2 ft BGS SO-17303-020812-CB-013 02/08/2012	PAOC 23 SB19-49 10-11.25 ft BGS SO-17303-020812-CB-014 02/08/2012	PAOC 23 SB19-50 0-2 ft BGS SO-17303-020812-CB-015 02/08/2012	PAOC 23 SB19-50 9-11 ft BGS SO-17303-020812-CB-016 02/08/2012	PAOC 23 SB19-50 9-11 ft BGS SO-17303-020812-CB-017 02/08/2012 Duplicate
	Units												
Fluoranthene	mg/kg	0.16 J	0.26 U	0.26 U	0.014 J	74 ⁱ	9.8 ⁱ	0.31 J	0.3	24 ^j	0.64	0.51	0.42
Fluorene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	3.2 J	0.14 J	0.013 J	10 ^j	0.012 J	0.018 J	0.02 J
Hexachlorobenzene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Hexachlorobutadiene	mg/kg	0.04 U	0.04 U	0.04 U	0.04 U	8 U	2 U	0.2 U	0.044 U	8.6 U	0.045 U	0.045 U	0.045 U
Hexachlorocyclopentadiene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Hexachloroethane	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.065 J	0.26 U	0.26 U	0.26 U	5.6 J	0.9 J	1.3 U	0.096 J	1.4 J	0.22 J	0.11 J	0.085 J
Isophorone	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Naphthalene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	210 ^{ei}	36 ⁱ	0.32 J	0.0061 J	130 ^{ei}	0.0063 J	0.016 J	0.015 J
Nitrobenzene	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
N-Nitrosodi-n-propylamine	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
N-Nitrosodiphenylamine	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	53 U	13 U	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Pentachlorophenol	mg/kg	0.15 U	0.15 U	0.15 U	0.15 U	30 U	7.5 U	0.75 U	0.17 U	32 U	0.17 U	0.17 U	0.17 U
Phenanthrene	mg/kg	0.043 J	0.26 U	0.26 U	0.26 U	140 ⁱ	19 ⁱ	0.52 J	0.15 J	29 ^j	0.2 J	0.29 J	0.27 J
Phenol	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	67 ⁱ	8.7 J	1.3 U	0.29 U	57 U	0.29 U	0.3 U	0.3 U
Pyrene	mg/kg	0.14 J	0.26 U	0.26 U	0.26 U	51 J	7.2 J	0.23 J	0.24 J	13 J	0.52	0.37	0.3
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics													
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	0.84 J	0.039 J	0.16 UJ	0.089 J	645 ^j ei	207 ^j ei	0.027 J	0.17 J	640 ^j ei	0.69 J	0.22 J	0.24 J
Arsenic	mg/kg	1.9	3.5	1.3	1.7	3.8 J	2.1 J	1.8 J	4.3	80 ^{dei}	3.3	2.5	2.2
Barium	mg/kg	25.3	7.5	4.6	10.3	2230 ^{xci}	722	49.2	13	8600 ^{xci}	30	15	19
Beryllium	mg/kg	0.16 U	0.16 U	0.16	0.16 U	1.6 U	0.17	0.45	0.19	0.45	0.22	0.12 J	0.14 J
Cadmium	mg/kg	0.25	0.080 U	0.074 J	0.051 J	63.2 ^{xci}	18.7 ^{xci}	0.21	0.16	750 ^{xci}	0.52	0.18	0.25
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	10.4	24.9	21.8	21.9	14500	2220	13.5	10	820	31	11	10
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	9.3	660	29	10	8.9
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	1.1	160 ^{ei}	2.5	0.94	1.3
Cobalt	mg/kg	1.9	2.9	1.7	2.2	37.1 ^{xci}	18.1 ^{xci}	6.7	3.6	36 ^{xci}	3.3	2.2	2.1
Copper	mg/kg	5.2	6.2	3.1	4.4	236 ^{xi}	258 ^{xi}	16.8	9.9 J	110 J	8.3 J	5.2 J	4.9 J
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	23	-	56	12	12
Lead - coarse fraction	mg/kg	51.0	5.4	8.7	4.6	307	448	11.6	-	95000 ^{xdegi}	-	-	-
Lead - fine fraction	mg/kg	50.9	4.7	20.4	5.1	696	305	24.8	-	120000 ^{xdegi}	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	51.5	5.1	13.1	5.0	433	417	14.8	-	99000 ^{xdegi}	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	211	86.9	118	140	276	164	331	180	820 ^{xci}	300	160	160
Mercury	mg/kg	0.017 J	0.0093 J	0.0080 J	0.040 U	0.049	0.076	0.040 U	0.046 U	0.68 ^{xi}	0.029 J	0.033 J	0.016 J
Nickel	mg/kg	5.1	6.0	3.6	5.3	9.5	13.1	18.0	8.3	23	8.1	6.7	6.2
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.095 J	0.098 J	0.16 U	0.16 U	16.0 UJ	0.98 ^{xi}	0.16 J	0.27	200 ^{xci}	0.30	0.22	0.20
Silver	mg/kg	0.050 J	0.029 J	0.018 J	0.024 J	8.0 UJ	0.80 UJ	0.041 J	0.083 U	3.8 ^{xi}	0.037 J	0.072 U	0.076 U
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	0.055 J	0.054 J	0.025 J	0.042 J	8.0 UJ	0.044 J	0.15 J	0.083 U	1.8 U	0.10 U	0.072 U	0.076 U
Vanadium	mg/kg	7.0	11.1	5.5	8.6	13.8	16.8	16.9	14	9.0	12	9.3	9.4
Zinc	mg/kg	68.8	15.1	10.9 J	12.5	17000 ^{ei}	1920 ⁱ	26.6	41	9300 ^{ei}	55	20	21
PCBs													
Aroclor-1016 (PCB-1016)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.29 U	7 U	0.29 U	0.29 U	0.3 U
Aroclor-1221 (PCB-1221)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.29 U	7 U	0.29 U	0.29 U	0.3 U
Aroclor-1232 (PCB-1232)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.29 U	7 U	0.29 U	0.29 U	0.3 U
Aroclor-1242 (PCB-1242)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.29 U	7 U	0.29 U	0.29 U	0.3 U
Aroclor-1248 (PCB-1248)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.56	0.13 J	0.017 J	0.29 U	1.3 J	0.29 U	0.29 U	0.3 U
Aroclor-1254 (PCB-1254)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.29 U	7 U	0.29 U	0.29 U	0.3 U
Aroclor-1260 (PCB-1260)	mg/kg	0.88	0.26 U	0.26 U	0.094 J	1.3	0.41	0.26 U	0.064 J	1.6 J	0.37	0.04 J	0.073 J
Total PCBs	mg/kg	0.88	0.26 U	0.26 U	0.094 J	1.8	0.53	0.26 U	0.064	2.9	0.37	0.04	0.073
General Chemistry													
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	SB23-04	SB23-04	SB23-04	SB23-04	TP-A30	TP-A30	TP-A30	SB19-49	SB19-49	SB19-50	SB19-50	SB19-50
Sample Depth:	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-11 ft BGS	2-2 ft BGS	5.7-5.7 ft BGS	16-16 ft BGS	0-2 ft BGS	10-11.25 ft BGS	0-2 ft BGS	9-11 ft BGS	9-11 ft BGS
Sample ID:	SO-17303-060305-DR-0732	SO-17303-060305-DR-0733	SO-17303-060305-DR-0734	SO-17303-060305-DR-0735	SO-17303-061405-BW-0777	SO-17303-061405-BW-0779	SO-17303-061405-BW-0780	SO-17303-020812-CB-013	SO-17303-020812-CB-014	SO-17303-020812-CB-015	SO-17303-020812-CB-016	SO-17303-020812-CB-017
Sample Date:	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/14/2005	06/14/2005	06/14/2005	02/08/2012	02/08/2012	02/08/2012	02/08/2012	02/08/2012
Sample Type:												
Parameter:												Duplicate
	Units											
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	93.6 / 99.1 / 98.9	87.3 / 98.8 / 98.9	85.1 / 98.2 / 98.0	99.2 / 98.9 / 90.5	85.8 / 91.5 / 56.4	97.6 / 98.0 / 75.3	97.8 / 98.0 / 81.5	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Parameter:		PAOC 23 SB19-51 3-6 ft BGS SO-17303-020712-CB-010 02/07/2012	PAOC 23 SB19-73 0-2 ft BGS S-17303-120412-EM-008 12/04/2012	PAOC 23 SB19-73 6-8 ft BGS S-17303-120412-EM-009 12/04/2012	PAOC 23 SB19-74 0-2 ft BGS S-17303-120412-EM-003 12/04/2012	PAOC 23 SB19-74 6-8 ft BGS S-17303-120412-EM-004 12/04/2012	PAOC 23 SB19-75 0-2 ft BGS S-17303-120412-EM-005 12/04/2012	PAOC 23 SB19-75 12-14 ft BGS S-17303-120412-EM-007 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-006 12/04/2012	PAOC 23 SB19-76 0-2 ft BGS S-17303-120412-EM-001 12/04/2012	PAOC 23 SB19-76 6-8 ft BGS S-17303-120412-EM-002 12/04/2012	PAOC 23 SB19-77 0-2 ft BGS S-17303-120412-EM-012 12/04/2012	PAOC 23 SB19-77 6.5-8.5 ft BGS S-17303-120412-EM-013 12/04/2012	PAOC 23 SB19-78 0-2 ft BGS S-17303-120512-EM-031 12/05/2012
VOCs	Units													
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,1,2,2-Tetrachloroethane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,1,2-Trichloroethane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,1-Dichloroethane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,1-Dichloroethene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	1.7 J ^{ef}	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
1,2-Dichlorobenzene	mg/kg	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
1,2-Dichloroethane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
1,3-Dichloropropene	mg/kg	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	0.65 UJ	0.73 UJ	0.66 UJ	0.65 UJ	0.63 UJ	36 UJ	27 UJ	0.63 UJ	0.65 UJ	0.63 UJ	0.64 UJ	0.72 UJ
2-Hexanone	mg/kg	-	2.2 UJ	2.4 UJ	2.2 UJ	2.2 UJ	2.1 UJ	120 UJ	91 UJ	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	2.4 UJ
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	2.2 UJ	2.4 UJ	2.2 UJ	2.2 UJ	2.1 UJ	120 UJ	91 UJ	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	2.4 UJ
Acetone	mg/kg	-	0.65 UJ	0.73 UJ	0.66 UJ	0.65 UJ	0.63 UJ	36 UJ	27 UJ	0.63 UJ	0.65 UJ	0.63 UJ	0.64 UJ	0.72 UJ
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	3 J ^e	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
Bromoform	mg/kg	-	0.086 UJ	0.087 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
Bromomethane (Methyl bromide)	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Carbon disulfide	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Carbon tetrachloride	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Chlorobenzene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Chlorobromomethane	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Chloromethane (Methyl chloride)	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
cis-1,2-Dichloroethene	mg/kg	-	0.039 J	0.018 J	0.044 UJ	0.044 UJ	0.63 J	55 J ^{efi}	130 J ^{efi}	0.042 UJ	0.057 J	0.042 UJ	0.043 UJ	0.048 UJ
cis-1,3-Dichloropropene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Cyclohexane	mg/kg	-	1 UJ	1.2 UJ	1 UJ	1 UJ	1 UJ	58 UJ	44 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	1.1 J ⁱ	22 J ^{efi}	0.042 UJ	0.0075 J	0.042 UJ	0.043 UJ	0.048 UJ
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	2.1 J	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Methyl acetate	mg/kg	-	0.031 J	1.2 UJ	0.036 J	0.041 J	0.029 J	58 UJ	44 UJ	0.042 J	0.033 J	1 UJ	1 UJ	1.1 UJ
Methyl cyclohexane	mg/kg	-	0.016 J	1 UJ	0.013 J	1 UJ	1 UJ	58 UJ	44 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ
Methyl tert butyl ether (MTBE)	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Methylene chloride	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
Tetrachloroethene	mg/kg	-	0.082 J	0.048 UJ	0.16 J ^e	0.083 J	0.042 UJ	2.4 UJ	1.8 UJ	0.029 J	0.018 J	0.042 UJ	0.043 UJ	0.048 UJ
Toluene	mg/kg	-	0.021 J	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	10 J ⁱ	110 J ^{efi}	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-51 3-6 ft BGS SO-17303-020712-CB-010 02/07/2012	PAOC 23 SB19-73 0-2 ft BGS S-17303-120412-EM-008 12/04/2012	PAOC 23 SB19-73 6-8 ft BGS S-17303-120412-EM-009 12/04/2012	PAOC 23 SB19-74 0-2 ft BGS S-17303-120412-EM-003 12/04/2012	PAOC 23 SB19-74 6-8 ft BGS S-17303-120412-EM-004 12/04/2012	PAOC 23 SB19-75 0-2 ft BGS S-17303-120412-EM-005 12/04/2012	PAOC 23 SB19-75 12-14 ft BGS S-17303-120412-EM-007 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-006 12/04/2012	PAOC 23 SB19-76 0-2 ft BGS S-17303-120412-EM-001 12/04/2012	PAOC 23 SB19-76 6-8 ft BGS S-17303-120412-EM-002 12/04/2012	PAOC 23 SB19-77 0-2 ft BGS S-17303-120412-EM-012 12/04/2012	PAOC 23 SB19-77 6.5-8.5 ft BGS S-17303-120412-EM-013 12/04/2012	PAOC 23 SB19-78 0-2 ft BGS S-17303-120512-EM-031 12/05/2012
	Units													
trans-1,2-Dichloroethene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.058 J	6.2 J ^e	12 J ^e	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
trans-1,3-Dichloropropene	mg/kg	-	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	0.25 J ^e	0.048 J	0.22 J ^e	0.27 J ^e	0.87 J ^e	200 J ^{eff}	2.3 J ^e	0.46 J ^e	0.11 J ^e	0.071 J	0.031 J	0.048 UJ
Trichlorofluoromethane (CFC-11)	mg/kg	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ
Vinyl chloride	mg/kg	-	0.035 UJ	0.039 UJ	0.035 UJ	0.035 UJ	0.033 UJ	8.3 J ^{eff}	8.2 J ^{eff}	0.034 UJ	0.035 UJ	0.034 UJ	0.034 UJ	0.038 UJ
Xylenes (total)	mg/kg	-	0.13 UJ	0.027 J	0.012 J	0.013 J	0.011 J	6.7 J ^{et}	140 J ^{et}	0.042 J	0.044 J	0.016 J	0.13 UJ	0.14 UJ
SVOCs														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2,4,5-Trichlorophenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2,4,6-Trichlorophenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2,4-Dichlorophenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2,4-Dimethylphenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.042 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2,4-Dinitrophenol	mg/kg	-	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ	0.16 UJ	0.18 UJ	0.17 UJ	0.8 UJ	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ
2,4-Dinitrotoluene	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2,6-Dinitrotoluene	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2-Chloronaphthalene	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2-Chlorophenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	R	0.28 UJ	0.3 UJ	0.28 UJ
2-Methylnaphthalene	mg/kg	-	0.016 J	0.29 UJ	0.013 J	0.29 UJ	0.015 J	0.012 J	0.016 J	0.062 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2-Methylphenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
2-Nitroaniline	mg/kg	-	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ
2-Nitrophenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
3&4-Methylphenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.1 J	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
3,3'-Dichlorobenzidine	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
3-Nitroaniline	mg/kg	-	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ
4,6-Dinitro-2-methylphenol	mg/kg	-	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ
4-Bromophenyl phenyl ether	mg/kg	-	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ	0.16 UJ	0.18 UJ	0.17 UJ	0.8 UJ	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ
4-Chloro-3-methylphenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
4-Chloroaniline	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
4-Chlorophenyl phenyl ether	mg/kg	-	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ
4-Nitrophenol	mg/kg	-	0.36 UJ	0.37 UJ	0.35 UJ	0.36 UJ	0.35 UJ	0.4 UJ	0.36 UJ	1.8 UJ	0.39 UJ	0.35 UJ	0.37 UJ	0.35 UJ
Acenaphthene	mg/kg	-	0.015 J	0.29 UJ	0.024 J	0.29 UJ	0.0043 J	0.32 UJ	0.29 UJ	0.12 J	0.31 UJ	0.0055 J	0.3 UJ	0.28 UJ
Acenaphthylene	mg/kg	-	0.013 J	0.29 UJ	0.0059 J	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	0.034 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Acetophenone	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.095 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Anthracene	mg/kg	-	0.03 J	0.29 UJ	0.048 J	0.29 UJ	0.015 J	0.32 UJ	0.021 J	0.34 J	0.31 UJ	0.014 J	0.3 UJ	0.28 UJ
Atrazine	mg/kg	-	0.044 UJ	0.045 UJ	0.043 UJ	0.044 UJ	0.043 UJ	0.048 UJ	0.044 UJ	0.21 UJ	0.047 UJ	0.042 UJ	0.045 UJ	0.042 UJ
Benzaldehyde	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Benzo(a)anthracene	mg/kg	-	0.28 J	0.29 UJ	0.3 J	0.29 UJ	0.19 J	0.32 UJ	0.14 J	1.8 J	0.31 UJ	0.065 J	0.3 UJ	0.28 UJ
Benzo(a)pyrene	mg/kg	-	0.31 J	0.29 UJ	0.41 J	0.29 UJ	0.22 J	0.32 UJ	0.17 J	1.8 J	0.31 UJ	0.075 J	0.3 UJ	0.28 UJ
Benzo(b)fluoranthene	mg/kg	-	0.42 J	0.29 UJ	0.52 J	0.29 UJ	0.33 J	0.32 UJ	0.28 J	2.1 J	0.31 UJ	0.086 J	0.3 UJ	0.28 UJ
Benzo(g,h,i)perylene	mg/kg	-	0.17 J	0.29 UJ	0.36 J	0.29 UJ	0.17 J	0.32 UJ	0.083 J	1.3 J	0.31 UJ	0.087 J	0.3 UJ	0.28 UJ
Benzo(k)fluoranthene	mg/kg	-	0.17 J	0.29 UJ	0.2 J	0.29 UJ	0.12 J	0.32 UJ	0.11 J	1.2 J	0.31 UJ	0.043 J	0.3 UJ	0.28 UJ
Biphenyl (1,1-Biphenyl)	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
bis(2-Chloroethoxy)methane	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
bis(2-Chloroethyl)ether	mg/kg	-	0.088 UJ	0.089 UJ	0.086 UJ	0.087 UJ	0.085 UJ	0.096 UJ	0.088 UJ	0.43 UJ	0.093 UJ	0.084 UJ	0.091 UJ	0.084 UJ
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	0.026 J	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.024 J	0.3 UJ	0.28 UJ
Butyl benzylphthalate (BBP)	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Caprolactam	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Carbazole	mg/kg	-	0.29 UJ	0.29 UJ	0.031 J	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Chrysene	mg/kg	-	0.28 J	0.29 UJ	0.31 J	0.29 UJ	0.22 J	0.03 J	0.21 J	1.9 J	0.31 UJ	0.06 J	0.3 UJ	0.28 UJ
Dibenz(a,h)anthracene	mg/kg	-	0.041 J	0.29 UJ	0.065 J	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	0.26 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Dibenzofuran	mg/kg	-	0.016 J	0.29 UJ	0.0091 J	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	0.043 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Diethyl phthalate	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.055 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Dimethyl phthalate	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Di-n-butylphthalate (DBP)	mg/kg	-	0.018 J	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.25 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Di-n-octyl phthalate (DnOP)	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Parameter:		PAOC 23 SB19-51 3-6 ft BGS SO-17303-020712-CB-010 02/07/2012	PAOC 23 SB19-73 0-2 ft BGS S-17303-120412-EM-008 12/04/2012	PAOC 23 SB19-73 6-8 ft BGS S-17303-120412-EM-009 12/04/2012	PAOC 23 SB19-74 0-2 ft BGS S-17303-120412-EM-003 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-004 12/04/2012	PAOC 23 SB19-75 0-2 ft BGS S-17303-120412-EM-005 12/04/2012	PAOC 23 SB19-75 12-14 ft BGS S-17303-120412-EM-007 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-006 12/04/2012	PAOC 23 SB19-76 0-2 ft BGS S-17303-120412-EM-001 12/04/2012	PAOC 23 SB19-76 6-8 ft BGS S-17303-120412-EM-002 12/04/2012	PAOC 23 SB19-77 0-2 ft BGS S-17303-120412-EM-012 12/04/2012	PAOC 23 SB19-77 6.5-8.5 ft BGS S-17303-120412-EM-013 12/04/2012	PAOC 23 SB19-78 0-2 ft BGS S-17303-120512-EM-031 12/05/2012
	Units													
Fluoranthene	mg/kg	-	0.51 J	0.0096 J	0.62 J	0.29 UJ	0.37 J	0.024 J	0.36 J	4 J	0.31 UJ	0.12 J	0.3 UJ	0.28 UJ
Fluorene	mg/kg	-	0.011 J	0.29 UJ	0.019 J	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	0.094 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Hexachlorobenzene	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Hexachlorobutadiene	mg/kg	-	0.044 UJ	0.045 UJ	0.043 UJ	0.044 UJ	0.043 UJ	0.048 UJ	0.044 UJ	0.21 UJ	0.047 UJ	0.042 UJ	0.045 UJ	0.042 UJ
Hexachlorocyclopentadiene	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Hexachloroethane	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Indeno(1,2,3-cd)pyrene	mg/kg	-	0.16 J	0.29 UJ	0.28 J	0.29 UJ	0.13 J	0.32 UJ	0.076 J	1 J	0.31 UJ	0.054 J	0.3 UJ	0.28 UJ
Isophorone	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Naphthalene	mg/kg	-	0.023 J	0.29 UJ	0.015 J	0.29 UJ	0.013 J	0.44 J	0.12 J	0.049 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Nitrobenzene	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
N-Nitrosodi-n-propylamine	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
N-Nitrosodiphenylamine	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Pentachlorophenol	mg/kg	-	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ	0.16 UJ	0.18 UJ	0.17 UJ	0.8 UJ	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ
Phenanthrene	mg/kg	-	0.15 J	0.009 J	0.26 J	0.29 UJ	0.075 J	0.029 J	0.099 J	1.6 J	0.31 UJ	0.058 J	0.3 UJ	0.28 UJ
Phenol	mg/kg	-	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Pyrene	mg/kg	-	0.43 J	0.0068 J	0.52 J	0.29 UJ	0.33 J	0.033 J	0.31 J	3.3 J	0.31 UJ	0.1 J	0.3 UJ	0.28 UJ
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics														
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	-	0.098 J	0.029 J	0.18 J	0.055 J	0.19 J	0.11 J	0.77 J	1.4 J	0.048 J	0.18 J	0.062 J	0.083 J
Arsenic	mg/kg	-	4.1	3.1	3.6	2.5	2.3	2.2	2.2	2.6	3.1	2.7	2.9	1.5
Barium	mg/kg	-	39	11	75	9.8	33	5.7	29	79	13	15	9.7	7.7
Beryllium	mg/kg	-	0.16 U	0.15 U	0.13 U	0.12 U	0.14 U	0.16 U	0.13 U	0.21	0.14 U	0.15 U	0.15 U	0.15 U
Cadmium	mg/kg	-	0.31	0.076 U	0.29	0.059 U	0.36	0.055 J	0.17	12 nd	0.072 U	0.31	0.074 U	0.12
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	27	9.2	8.4	11	15	9.0	3.9	8.9	31	8.5	5.9	6.6	4.7
Chromium III (trivalent)	mg/kg	27	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	0.71 J	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	4.3	3.7	3.7	4.6	3.3	2.6	2.3	3.7	3.4	2.4	3.2	2.0
Copper	mg/kg	-	7.4	7.1	37	8.5	7.8	5.8	6.3	24	6.6	6.2	6.4	3.5
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	36	3.9	38	3.5	18	2.7	21	-	4.2	10	3.4	2.1
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	1100 nd	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	120	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	760 ^{se}	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	560 nd	150	190	120	340	120	140	870 nd	130	130	190	84
Mercury	mg/kg	-	0.021 J	0.050 U	0.021 J	0.039 U	0.042 U	0.051 U	0.048 U	0.021 J	0.049 U	0.016 J	0.042 U	0.044 U
Nickel	mg/kg	-	8.4	6.8	9.5	7.8	7.4	5.5	5.8	8.0	7.3	5.8	6.4	4.3
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	0.30	0.31	0.28	0.23	0.21	0.49 rd	0.23	0.53 rd	0.26	0.22	0.33	0.12 J
Silver	mg/kg	-	0.017 J	0.077 U	0.019 J	0.0071 J	0.016 J	0.018 J	0.029 J	0.062 J	0.0077 J	0.015 J	0.0088 J	0.077 U
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	0.10	0.053 J	0.12	0.062 J	0.070 J	0.091 J	0.065 J	0.079	0.064 J	0.057 J	0.070 J	0.032 J
Vanadium	mg/kg	-	13	15	14	9.9	13	5.8	7.8	13	16	8.9	10	6.1
Zinc	mg/kg	-	29	15	24	16	23	18	38	61	20	18	20	8.9
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	-	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Aroclor-1221 (PCB-1221)	mg/kg	-	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Aroclor-1232 (PCB-1232)	mg/kg	-	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Aroclor-1242 (PCB-1242)	mg/kg	-	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Aroclor-1248 (PCB-1248)	mg/kg	-	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Aroclor-1254 (PCB-1254)	mg/kg	-	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ
Aroclor-1260 (PCB-1260)	mg/kg	-	0.27 J	0.3 UJ	0.28 J	0.29 UJ	0.81 J	0.31 UJ	0.35 J	-	0.31 UJ	0.019 J	0.3 UJ	0.28 UJ
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry														
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	SB19-51	SB19-73	SB19-73	SB19-74	SB19-74	SB19-75	SB19-75	SB19-75	SB19-76	SB19-76	SB19-77	SB19-77	SB19-78
Sample Depth:	3-6 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	12-14 ft BGS	6-8 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	6.5-8.5 ft BGS	0-2 ft BGS
Sample ID:	SO-17303-020712-CB-010	S-17303-120412-EM-008	S-17303-120412-EM-009	S-17303-120412-EM-003	S-17303-120412-EM-004	S-17303-120412-EM-005	S-17303-120412-EM-007	S-17303-120412-EM-006	S-17303-120412-EM-001	S-17303-120412-EM-002	S-17303-120412-EM-012	S-17303-120412-EM-013	S-17303-120512-EM-031
Sample Date:	02/07/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/05/2012
Sample Type:													
Parameter:													
	Units												
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-78 14.7-16.7 ft BGS S-17303-120512-EM-033 12/03/2012	PAOC 23 SB19-78 7.5-9.5 ft BGS S-17303-120512-EM-032 12/05/2012	PAOC 23 SB19-79 0-2 ft BGS S-17303-120512-EM-035 12/03/2012	PAOC 23 SB19-79 8-10 ft BGS S-17303-120512-EM-036 12/05/2012	PAOC 23 SB19-80 0-2 ft BGS S-17303-120512-EM-022 12/05/2012	PAOC 23 SB19-80 14.3-16.3 ft BGS S-17303-120512-EM-024 12/05/2012	PAOC 23 SB19-80 8-10 ft BGS S-17303-120512-EM-023 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-019 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-020 12/05/2012 Duplicate	PAOC 23 SB19-82 8-10 ft BGS S-17303-120512-EM-021 12/05/2012	PAOC 23 SB19-83 0-2 ft BGS S-17303-120512-EM-016 12/05/2012	PAOC 23 SB19-83 7.5-9.5 ft BGS S-17303-120512-EM-017 12/05/2012	PAOC 23 SB19-85 0-2 ft BGS S-17303-120612-EM-042 12/06/2012
VOCs	Units													
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,1,2,2-Tetrachloroethane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,1,2-Trichloroethane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,1-Dichloroethane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,1-Dichloroethene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
1,2-Dichlorobenzene	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.028 J
1,2-Dichloroethane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U
1,3-Dichloropropene	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	2.7 UJ	0.74 UJ	0.049 J	0.057 J	0.66 U	33 U	0.66 U	0.75 U	0.7 U	0.68 U	0.62 UJ	0.68 UJ	0.6 U
2-Hexanone	mg/kg	9 UJ	2.5 UJ	2.2 U	2.4 U	2.2 U	110 U	2.2 U	2.5 U	2.3 U	2.3 U	2.1 UJ	2.3 UJ	2 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	9 UJ	2.5 UJ	2.2 U	2.4 U	2.2 U	110 U	2.2 U	2.5 U	2.3 U	2.3 U	2.1 UJ	2.3 UJ	2 U
Acetone	mg/kg	2.7 UJ	0.74 UJ	0.65 U	0.73 U	0.66 U	33 U	0.66 U	0.75 U	0.7 U	0.68 U	0.62 UJ	0.68 UJ	0.6 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.066 J	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U
Bromoform	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U
Bromomethane (Methyl bromide)	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
Carbon disulfide	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
Carbon tetrachloride	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Chlorobenzene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Chlorobromomethane	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Chloromethane (Methyl chloride)	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
cis-1,2-Dichloroethene	mg/kg	0.095 J	0.043 U	0.043 U	0.048 U	0.044 U	94 ^{dt}	0.011 J	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
cis-1,3-Dichloropropene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Cyclohexane	mg/kg	0.78 J	1.2 UJ	1 U	1.2 U	1.1 U	4.7 J	1.1 U	1.2 U	1.1 U	1.1 U	0.99 UJ	1.1 UJ	0.95 U
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	5.4 J ^{dt}	0.05 UJ	0.043 U	0.048 U	0.044 U	38 ^{dt}	0.044 U	0.05 U	0.047 U	0.045 U	0.011 J	0.045 UJ	0.011 J
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	1.8 J	0.25 UJ	0.22 U	0.24 U	0.22 U	13 ^t	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.0079 J
Methyl acetate	mg/kg	4.3 UJ	1.2 UJ	0.032 J	1.2 U	1.1 U	52 U	1.1 U	0.052 J	0.042 J	1.1 U	0.99 UJ	0.067 J	0.95 U
Methyl cyclohexane	mg/kg	2.1 J	1.2 UJ	1 U	1.2 U	1.1 U	23 J	1.1 U	1.2 U	1.045 J	1.1 U	1.1 UJ	0.047 J	0.047 J
Methyl tert butyl ether (MTBE)	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
Methylene chloride	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Tetrachloroethene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
Toluene	mg/kg	4.9 J	0.099 UJ	0.086 U	0.097 U	0.088 U	62 ^{dt}	0.089 U	0.1 U	0.094 U	0.091 U	0.028 J	0.091 UJ	0.041 J

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-78 14.7-16.7 ft BGS S-17303-120512-EM-033 12/03/2012	PAOC 23 SB19-78 7.5-9.5 ft BGS S-17303-120512-EM-032 12/05/2012	PAOC 23 SB19-79 0-2 ft BGS S-17303-120512-EM-035 12/03/2012	PAOC 23 SB19-79 8-10 ft BGS S-17303-120512-EM-036 12/05/2012	PAOC 23 SB19-80 0-2 ft BGS S-17303-120512-EM-022 12/05/2012	PAOC 23 SB19-80 14.3-16.3 ft BGS S-17303-120512-EM-024 12/05/2012	PAOC 23 SB19-80 8-10 ft BGS S-17303-120512-EM-023 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-019 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-020 12/05/2012 Duplicate	PAOC 23 SB19-82 8-10 ft BGS S-17303-120512-EM-021 12/05/2012	PAOC 23 SB19-83 0-2 ft BGS S-17303-120512-EM-016 12/05/2012	PAOC 23 SB19-83 7.5-9.5 ft BGS S-17303-120512-EM-017 12/05/2012	PAOC 23 SB19-85 0-2 ft BGS S-17303-120612-EM-042 12/06/2012
	Units													
trans-1,2-Dichloroethene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
trans-1,3-Dichloropropene	mg/kg	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.18 UJ	0.25 J*	0.12*	0.018 J	0.034 J	2.2 U	0.09	0.03 J	0.014 J	0.045 U	0.034 J	0.045 UJ	0.22*
Trichlorofluoromethane (CFC-11)	mg/kg	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U	0.22 U	0.23 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U
Vinyl chloride	mg/kg	5.6 J ^{cdi}	0.04 UJ	0.034 U	0.039 U	0.035 U	81 ^{cdefhi}	0.035 U	0.04 U	0.038 U	0.036 U	0.033 UJ	0.036 UJ	0.032 U
Xylenes (total)	mg/kg	28 J ^{cd}	0.15 UJ	0.13 U	0.15 U	0.13 U	240 ^{defhij}	0.13 U	0.15 U	0.14 U	0.14 U	0.078 J	0.14 UJ	0.12 U
SVOCs														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2,4,5-Trichlorophenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2,4,6-Trichlorophenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2,4-Dichlorophenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2,4-Dimethylphenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2,4-Dinitrophenol	mg/kg	0.86 UJ	0.17 UJ	0.17 U	0.16 U	0.16 U	3.5 U	0.17 U	0.16 U	0.4 U	0.17 U	0.16 UJ	0.17 UJ	0.16 U
2,4-Dinitrotoluene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2,6-Dinitrotoluene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2-Chloronaphthalene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2-Chlorophenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2-Methylnaphthalene	mg/kg	0.53 J	0.3 UJ	0.034 J	0.29 U	0.29 U	6.4 ⁱ	0.3 U	0.0089 J	0.16 J	0.29 U	0.052 J	0.3 UJ	0.0072 J
2-Methylphenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
2-Nitroaniline	mg/kg	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U
2-Nitrophenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
3&4-Methylphenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
3,3'-Dichlorobenzidine	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
3-Nitroaniline	mg/kg	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U
4,6-Dinitro-2-methylphenol	mg/kg	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U
4-Bromophenyl phenyl ether	mg/kg	0.86 UJ	0.17 UJ	0.17 U	0.16 U	0.16 U	3.5 U	0.17 U	0.16 U	0.4 U	0.17 U	0.16 UJ	0.17 UJ	0.16 U
4-Chloro-3-methylphenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
4-Chloroaniline	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
4-Chlorophenyl phenyl ether	mg/kg	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U
4-Nitrophenol	mg/kg	1.9 UJ	0.37 UJ	0.36 U	0.36 U	0.36 U	7.7 U	0.37 U	0.36 U	0.89 U	0.37 U	0.36 UJ	0.37 UJ	0.36 U
Acenaphthene	mg/kg	0.82 J	0.3 UJ	0.0089 J	0.29 U	0.29 U	8.1	0.3 U	0.0052 J	0.06 J	0.29 U	0.0096 J	0.3 UJ	0.29 U
Acenaphthylene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	0.2 J	0.3 U	0.29 U	0.71 U	0.29 U	0.0073 J	0.3 UJ	0.0045 J
Acetophenone	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Anthracene	mg/kg	0.55 J	0.3 UJ	0.017 J	0.29 U	0.29 U	3.2 J	0.3 U	0.015 J	0.13 J	0.29 U	0.028 J	0.3 UJ	0.014 J
Atrazine	mg/kg	0.23 UJ	0.045 UJ	0.044 U	0.044 U	0.044 U	0.93 U	0.045 U	0.043 U	0.043 U	0.045 U	0.043 UJ	0.045 UJ	0.043 U
Benzaldehyde	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Benzo(a)anthracene	mg/kg	0.79 J	0.3 UJ	0.094 J	0.29 U	0.29 U	4.1 J	0.027 J	0.099 J	0.75 J	0.29 U	0.17 J	0.3 UJ	0.11 J
Benzo(a)pyrene	mg/kg	0.36 J	0.3 UJ	0.11 J	0.29 U	0.015 J	2.2 J	0.038 J	0.12 J	0.82 J	0.29 U	0.2 J	0.3 UJ	0.14 J
Benzo(b)fluoranthene	mg/kg	0.57 J	0.3 UJ	0.15 J	0.29 U	0.0073 J	4.8 J	0.045 J	0.16 J	1.3 J	0.29 U	0.32 J	0.3 UJ	0.24 J
Benzo(g,h,i)perylene	mg/kg	0.33 J	0.3 UJ	0.07 J	0.29 U	0.0055 J	1.1 J	0.017 J	0.066 J	0.31 J	0.29 U	0.11 J	0.3 UJ	0.069 J
Benzo(k)fluoranthene	mg/kg	0.35 J	0.3 UJ	0.055 J	0.29 U	0.004 J	1.3 J	0.021 J	0.07 J	0.32 J	0.29 U	0.1 J	0.3 UJ	0.088 J
Biphenyl (1,1-Biphenyl)	mg/kg	0.18 J	0.3 UJ	0.29 U	0.29 U	0.29 U	1.5 J	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
bis(2-Chloroethoxy)methane	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
bis(2-Chloroethyl)ether	mg/kg	0.46 UJ	0.09 UJ	0.088 U	0.087 U	0.09 U	1.9 U	0.09 U	0.087 U	0.22 U	0.089 U	0.087 UJ	0.087 UJ	0.087 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	1.5 UJ	0.3 UJ	0.03 J	0.022 J	0.027 J	6.1 U	0.021 J	0.029 J	0.71 U	0.29 U	0.028 J	0.022 J	0.29 U
Butyl benzylphthalate (BBP)	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Caprolactam	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Carbazole	mg/kg	0.41 J	0.3 UJ	0.29 U	0.29 U	0.29 U	1.3 J ⁱ	0.3 U	0.29 U	0.089 J	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Chrysene	mg/kg	0.78 J	0.3 UJ	0.11 J	0.29 U	0.29 U	4.2 J	0.032 J	0.11 J	0.84 J	0.29 U	0.2 J	0.3 UJ	0.13 J
Dibenz(a,h)anthracene	mg/kg	1.5 UJ	0.3 UJ	0.028 J	0.29 U	0.29 U	6.1 U	0.017 J	0.024 J	0.11 J	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Dibenzofuran	mg/kg	0.66 J	0.3 UJ	0.011 J	0.29 U	0.29 U	6.1 ⁱ	0.3 U	0.29 U	0.71 U	0.29 U	0.016 J	0.3 UJ	0.0037 J
Diethyl phthalate	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Dimethyl phthalate	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Di-n-butylphthalate (DBP)	mg/kg	3.3 J	0.3 UJ	0.29 U	0.29 U	0.29 U	16 ⁱ	0.3 U	0.29 U	0.71 U	0.056 J	0.023 J	0.3 UJ	0.019 J
Di-n-octyl phthalate (DnOP)	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-78 14.7-16.7 ft BGS S-17303-120512-EM-033 12/03/2012	PAOC 23 SB19-78 7.5-9.5 ft BGS S-17303-120512-EM-032 12/05/2012	PAOC 23 SB19-79 0-2 ft BGS S-17303-120512-EM-035 12/03/2012	PAOC 23 SB19-79 8-10 ft BGS S-17303-120512-EM-036 12/05/2012	PAOC 23 SB19-80 0-2 ft BGS S-17303-120512-EM-022 12/05/2012	PAOC 23 SB19-80 14.3-16.3 ft BGS S-17303-120512-EM-024 12/05/2012	PAOC 23 SB19-80 8-10 ft BGS S-17303-120512-EM-023 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-019 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-020 12/05/2012 Duplicate	PAOC 23 SB19-82 8-10 ft BGS S-17303-120512-EM-021 12/05/2012	PAOC 23 SB19-83 0-2 ft BGS S-17303-120512-EM-016 12/05/2012	PAOC 23 SB19-83 7.5-9.5 ft BGS S-17303-120512-EM-017 12/05/2012	PAOC 23 SB19-85 0-2 ft BGS S-17303-120612-EM-042 12/06/2012
	Units													
Fluoranthene	mg/kg	2.7 J	0.3 UJ	0.2 J	0.29 U	0.0072 J	14 ⁱ	0.049 J	0.21 J	1.6 J	0.29 U	0.34 J	0.3 UJ	0.17 J
Fluorene	mg/kg	0.71 J	0.3 UJ	0.0077 J	0.29 U	0.29 U	7.1 ⁱ	0.3 U	0.0051 J	0.051 J	0.29 U	0.012 J	0.3 UJ	0.0036 J
Hexachlorobenzene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Hexachlorobutadiene	mg/kg	0.23 UJ	0.045 UJ	0.044 U	0.044 U	0.044 U	0.93 U	0.045 U	0.043 U	0.11 U	0.045 U	0.043 UJ	0.045 UJ	0.043 U
Hexachlorocyclopentadiene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Hexachloroethane	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.24 J	0.3 UJ	0.066 J	0.29 U	0.29 U	1.2 J	0.019 J	0.058 J	0.28 J	0.29 U	0.099 J	0.3 UJ	0.068 J
Isophorone	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Naphthalene	mg/kg	3.3 J ⁱ	0.3 UJ	0.041 J	0.29 U	0.29 U	30 ⁱ	0.3 U	0.0068 J	0.059 J	0.29 U	0.063 J	0.3 UJ	0.0087 J
Nitrobenzene	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
N-Nitrosodi-n-propylamine	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
N-Nitrosodiphenylamine	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Pentachlorophenol	mg/kg	0.86 UJ	0.17 UJ	0.17 U	0.16 U	0.16 U	3.5 U	0.17 U	0.16 U	0.4 U	0.17 U	0.16 UJ	0.17 UJ	0.16 U
Phenanthrene	mg/kg	4 J ⁱ	0.3 UJ	0.092 J	0.29 U	0.29 U	24 ⁱ	0.019 J	0.081 J	0.68 J	0.29 U	0.13 J	0.3 UJ	0.053 J
Phenol	mg/kg	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U
Pyrene	mg/kg	1.9 J	0.3 UJ	0.16 J	0.29 U	0.0067 J	9.4	0.041 J	0.16 J	1.3 J	0.29 U	0.28 J	0.3 UJ	0.18 J
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics														
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	0.093 J	0.028 J	0.46 J	0.14 UJ	1.5 J	0.096 J	0.085 J	3.3 J	18 J ^e	0.075 J	2.4 J	0.039 J	13 J ^e
Arsenic	mg/kg	5.2	1.6	3.5	1.5	2.6	2.9	3.2	2.3	2.3	2.0	3.0	1.6	2.8
Barium	mg/kg	4.6	8.8	44	7.7	17	11	14	28 J	89 J	15	42	18	60
Beryllium	mg/kg	0.14 U	0.17 U	0.053 J	0.14 U	0.14 U	0.17 U	0.13 U	0.16 U	0.16 U	0.16 U	0.15 U	0.15 U	0.16 U
Cadmium	mg/kg	0.072	0.10	1.2	0.064 J	0.47	0.20	0.14	0.46 J	3.0 J	0.11	0.79	0.038 J	1.0
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	8.4	8.3	16	5.3	27	270	10	46	99	55	25	20	96
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	2.0	2.7	4.2	2.8	3.4	2.4	3.3	3.4	4.1	3.5	2.6	3.2	2.6
Copper	mg/kg	3.8	7.5	7.6	4.8	7.0	7.8	6.5	6.0	7.7	13	10	6.9	12 J
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	2.7	3.1	17	3.9	8.3	3.8	6.4	24	66	3.7	45	3.4	70
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	130 J	160 J	320 J	150 J	190 J	130 J	150 J	120 J	130 J	140 J	160	91	160
Mercury	mg/kg	0.046 U	0.046 U	0.022 J	0.047 U	0.021 J	0.046 U	0.018 J	0.022 J	0.020 J	0.048 U	0.019 J	0.047 U	0.028 J
Nickel	mg/kg	4.8	6.9	11	5.7	6.9	5.8	7.7	7.0	7.1	8.5	7.2	9.1	7.5
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.26	0.20	0.58 ^{vi}	0.31	0.42 ^{vi}	0.30	0.38	0.35 J	0.73 J ^{vi}	0.47 ^{vi}	8.8 ^{vel}	0.29	0.36
Silver	mg/kg	0.0066 J	0.0064 J	0.072 U	0.069 U	0.018 J	0.083 U	0.066 U	0.042 J	0.13	0.082 U	0.085 J	0.0046 J	0.092
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	0.13	0.057 J	0.13	0.069 U	0.082 U	0.11	0.072 U	0.14	0.091 U	0.10	0.12	0.053 J	0.12
Vanadium	mg/kg	5.6	12	14	9.6	11	6.6	11	13	10	14	10	13	9.6
Zinc	mg/kg	37	16	37	14	60	25	20	88	210	22	180	16	190
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	0.3 UJ	0.29 UJ	0.29 U	0.29 U	-	0.38 U	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U
Aroclor-1221 (PCB-1221)	mg/kg	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U
Aroclor-1232 (PCB-1232)	mg/kg	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U
Aroclor-1242 (PCB-1242)	mg/kg	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U
Aroclor-1248 (PCB-1248)	mg/kg	0.2 J	0.29 UJ	0.29 U	0.29 U	0.29 U	0.92	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U
Aroclor-1254 (PCB-1254)	mg/kg	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U
Aroclor-1260 (PCB-1260)	mg/kg	0.18 J	0.29 UJ	0.26 J	0.29 U	-	0.73	0.036 J	46 J ^d	1.2 J	0.3 U	0.34 J	0.29 UJ	1.9
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
General Chemistry														
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	SB19-78	SB19-78	SB19-79	SB19-79	SB19-80	SB19-80	SB19-80	SB19-82	SB19-82	SB19-82	SB19-83	SB19-83	SB19-85
Sample Depth:	14.7-16.7 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	8-10 ft BGS	0-2 ft BGS	14.3-16.3 ft BGS	8-10 ft BGS	0-2 ft BGS	0-2 ft BGS	0-2 ft BGS	8-10 ft BGS	0-2 ft BGS	0-2 ft BGS
Sample ID:	S-17303-120512-EM-033	S-17303-120512-EM-032	S-17303-120512-EM-035	S-17303-120512-EM-036	S-17303-120512-EM-022	S-17303-120512-EM-024	S-17303-120512-EM-023	S-17303-120512-EM-019	S-17303-120512-EM-020	S-17303-120512-EM-021	S-17303-120512-EM-016	S-17303-120512-EM-017	S-17303-120612-EM-042
Sample Date:	12/03/2012	12/05/2012	12/03/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/06/2012
Sample Type:													
Parameter:										Duplicate			
	Units												
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	PAOC 23 SB19-85	PAOC 23 SB19-88	PAOC 23 SB19-88	PAOC 23 SB19-90	PAOC 23 SB19-90	PAOC 23 SB19-90	PAOC 23 SB19-10	PAOC 23 SB19-73	PAOC 23 SB19-73	PAOC 23 SB19-74	PAOC 23 SB19-74	PAOC 23 SB19-75	PAOC 23 SB19-75	
Sample Depth:	5-7 ft BGS	0-2 ft BGS	7-9 ft BGS	0-2 ft BGS	8-10 ft BGS	8-10 ft BGS	3-5 ft BGS	5-7 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	
Sample ID:	S-17303-120612-EM-043	S-17303-120612-EM-040	S-17303-120612-EM-041	S-17303-120512-EM-027	S-17303-120512-EM-028	S-17303-120512-EM-029	SO-17303-020112-CB-001	ST-17303-020112-CB-002	S-17303-120412-EM-008	S-17303-120412-EM-009	S-17303-120412-EM-003	S-17303-120412-EM-004	S-17303-120412-EM-005	
Sample Date:	12/06/2012	12/06/2012	12/06/2012	12/05/2012	12/05/2012	12/05/2012	02/01/2012	02/01/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	
Sample Type:														
Parameter:	Units					Duplicate								
VOCs														
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	
1,1,1-Trichloroethane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,1,2,2-Tetrachloroethane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,1,2-Trichloroethane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,1-Dichloroethane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,1-Dichloroethene	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
1,2-Dichlorobenzene	mg/kg	1.8 ⁱ	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
1,2-Dichloroethane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
1,3-Dichloropropene	mg/kg	0.37 ^d	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	2.5 U	0.68 U	0.67 U	0.61 UJ	0.66 UJ	0.69 UJ	940 U	9700 U	0.65 UJ	0.73 UJ	0.66 UJ	0.65 UJ	0.63 UJ
2-Hexanone	mg/kg	8.4 U	2.3 U	2.2 U	2 UJ	2.2 UJ	2.3 UJ	3100 U	32000 U	2.2 UJ	2.4 UJ	2.2 UJ	2.2 UJ	2.1 UJ
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	8.4 U	2.3 U	2.2 U	2 UJ	2.2 UJ	2.3 UJ	3100 U	32000 U	2.2 UJ	2.4 UJ	2.2 UJ	2.2 UJ	2.1 UJ
Acetone	mg/kg	2.5 U	0.68 U	0.67 U	0.61 UJ	0.66 UJ	0.69 UJ	940 U	9700 U	0.65 UJ	0.73 UJ	0.66 UJ	0.65 UJ	0.63 UJ
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.21 ^e	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
Bromoform	mg/kg	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
Bromomethane (Methyl bromide)	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Carbon disulfide	mg/kg	0.84 U	0.23 U	0.014 J	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Carbon tetrachloride	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Chlorobenzene	mg/kg	1.2 ^f	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Chlorobromomethane	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	-	-	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Chloroform (Trichloromethane)	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Chloromethane (Methyl chloride)	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
cis-1,2-Dichloroethene	mg/kg	2 ^g	0.02 J	0.036 J	0.041 UJ	0.044 UJ	0.046 UJ	62 J ^{efi}	1600 ^{ghcdefhij}	0.039 J	0.018 J	0.044 UJ	0.044 UJ	0.63 J
cis-1,3-Dichloropropene	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Cyclohexane	mg/kg	0.17 J	1.1 U	1.1 U	0.98 UJ	1.1 UJ	1.1 UJ	1500 U	16000 U	1 UJ	1.2 UJ	1 UJ	1 UJ	1 UJ
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	5 ^{ei}	0.045 U	0.14	0.041 UJ	0.044 UJ	0.046 UJ	30 J ^{efi}	510 J ^{defhij}	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	1.6	0.23 U	0.029 J	0.2 UJ	0.22 UJ	0.23 UJ	310 U	120 J ⁱ	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Methyl acetate	mg/kg	0.13 J	1.1 U	1.1 U	0.98 UJ	1.1 UJ	1.1 UJ	1500 U	16000 U	0.031 J	1.2 UJ	0.036 J	0.041 J	0.029 J
Methyl cyclohexane	mg/kg	0.79 J	0.033 J	0.12 J	0.98 UJ	1.1 UJ	1.1 UJ	1500 U	16000 U	0.016 J	1.2 UJ	1 UJ	0.013 J	1 UJ
Methyl tert butyl ether (MTBE)	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Methylene chloride	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
Tetrachloroethene	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.082 J	0.048 UJ	0.16 J ^g	0.083 J	0.042 UJ
Toluene	mg/kg	2.4	0.019 J	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	32 J ^{efi}	490 J ^{defhij}	0.021 J	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-85 5-7 ft BGS S-17303-120612-EM-043 12/06/2012	PAOC 23 SB19-88 0-2 ft BGS S-17303-120612-EM-040 12/06/2012	PAOC 23 SB19-88 7-9 ft BGS S-17303-120612-EM-041 12/06/2012	PAOC 23 SB19-90 0-2 ft BGS S-17303-120512-EM-027 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-028 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-029 12/05/2012	PAOC 23 SB19-10 3-5 ft BGS SO-17303-020112-CB-001 02/01/2012	PAOC 23 SB19-10 5-7 ft BGS ST-17303-020112-CB-002 02/01/2012	PAOC 23 SB19-73 0-2 ft BGS S-17303-120412-EM-008 12/04/2012	PAOC 23 SB19-73 6-8 ft BGS S-17303-120412-EM-009 12/04/2012	PAOC 23 SB19-74 0-2 ft BGS S-17303-120412-EM-003 12/04/2012	PAOC 23 SB19-74 6-8 ft BGS S-17303-120412-EM-004 12/04/2012	PAOC 23 SB19-75 0-2 ft BGS S-17303-120412-EM-005 12/04/2012
	Units						Duplicate							
trans-1,2-Dichloroethene	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.058 J
trans-1,3-Dichloropropene	mg/kg	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ	63 U	650 U	0.043 UJ	0.048 UJ	0.044 UJ	0.044 UJ	0.042 UJ
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	8.9 ^{ei}	0.018 J	0.048	0.092 J	0.3 J ^e	0.14 J ^e	5300 ^{abcdehij}	39000 ^{abcdehij}	0.25 J ^e	0.048 J	0.22 J ^e	0.27 J ^e	0.87 J ^e
Trichlorofluoromethane (CFC-11)	mg/kg	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ	130 U	1300 U	0.086 UJ	0.097 UJ	0.087 UJ	0.087 UJ	0.084 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ	310 U	3200 U	0.22 UJ	0.24 UJ	0.22 UJ	0.22 UJ	0.21 UJ
Vinyl chloride	mg/kg	0.33 ^{ei}	0.036 U	0.036 U	0.033 UJ	0.035 UJ	0.037 UJ	50 U	520 U	0.035 UJ	0.039 UJ	0.035 UJ	0.035 UJ	0.033 UJ
Xylenes (total)	mg/kg	26 ^{ei}	0.14 U	0.13 U	0.028 J	0.13 UJ	0.14 UJ	220 ^{dehij}	4700 ^{dehij}	0.13 UJ	0.027 J	0.012 J	0.013 J	0.011 J
SVOCs														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2,4,5-Trichlorophenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2,4,6-Trichlorophenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2,4-Dichlorophenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2,4-Dimethylphenol	mg/kg	2.9 U	0.3 U	0.044 J	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2,4-Dinitrophenol	mg/kg	1.6 U	0.17 U	0.17 U	0.16 UJ	0.16 UJ	0.17 UJ	8.9 U	64 U	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ	0.16 UJ
2,4-Dinitrotoluene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2,6-Dinitrotoluene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2-Chloronaphthalene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2-Chlorophenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2-Methylnaphthalene	mg/kg	0.76 J	0.024 J	0.1 J	0.026 J	0.29 UJ	0.3 UJ	1 J	72 J ⁱ	0.016 J	0.29 UJ	0.013 J	0.29 UJ	0.015 J
2-Methylphenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
2-Nitroaniline	mg/kg	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ	12 U	86 U	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ
2-Nitrophenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
3&4-Methylphenol	mg/kg	2.9 U	0.3 U	0.27 J	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
3,3'-Dichlorobenzidine	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
3-Nitroaniline	mg/kg	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ	12 U	86 U	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ
4,6-Dinitro-2-methylphenol	mg/kg	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ	12 U	86 U	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ
4-Bromophenyl phenyl ether	mg/kg	1.6 U	0.17 U	0.17 U	0.16 UJ	0.16 UJ	0.17 UJ	8.9 U	64 U	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ	0.16 UJ
4-Chloro-3-methylphenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
4-Chloroaniline	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
4-Chlorophenyl phenyl ether	mg/kg	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ	12 U	86 U	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ	12 U	86 U	0.22 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.21 UJ
4-Nitrophenol	mg/kg	2.9 U	0.37 U	0.37 U	0.36 UJ	0.36 UJ	0.37 UJ	20 U	140 U	0.36 UJ	0.37 UJ	0.35 UJ	0.36 UJ	0.35 UJ
Acenaphthene	mg/kg	0.046 J	0.3 U	0.14 J	0.022 J	0.29 UJ	0.3 UJ	16 U	110 U	0.015 J	0.29 UJ	0.0043 J	0.29 UJ	0.0043 J
Acenaphthylene	mg/kg	2.9 U	0.3 U	0.009 J	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.013 J	0.29 UJ	0.0059 J	0.29 UJ	0.28 UJ
Acetophenone	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Anthracene	mg/kg	0.068 J	0.3 U	0.14 J	0.037 J	0.29 UJ	0.3 UJ	16 U	110 U	0.03 J	0.29 UJ	0.048 J	0.29 UJ	0.015 J
Atrazine	mg/kg	0.045 U	0.045 U	0.045 U	0.044 UJ	0.044 UJ	0.045 UJ	2.4 U	17 U	0.044 UJ	0.045 UJ	0.043 UJ	0.044 UJ	0.043 UJ
Benzaldehyde	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Benzo(a)anthracene	mg/kg	0.31 J	0.018 J	0.22 J	0.17 J	0.29 UJ	0.3 UJ	16 U	110 U	0.28 J	0.29 UJ	0.3 J	0.29 UJ	0.19 J
Benzo(a)pyrene	mg/kg	0.38 J	0.024 J	0.24 J	0.17 J	0.29 UJ	0.3 UJ	16 U	110 U	0.31 J	0.29 UJ	0.41 J	0.29 UJ	0.22 J
Benzo(b)fluoranthene	mg/kg	0.57 J	0.042 J	0.39	0.23 J	0.29 UJ	0.3 UJ	16 U	110 U	0.42 J	0.29 UJ	0.52 J	0.29 UJ	0.33 J
Benzo(g,h,i)perylene	mg/kg	0.23 J	0.022 J	0.093 J	0.076 J	0.29 UJ	0.3 UJ	16 U	110 U	0.17 J	0.29 UJ	0.36 J	0.29 UJ	0.17 J
Benzo(k)fluoranthene	mg/kg	0.2 J	0.012 J	0.15 J	0.097 J	0.29 UJ	0.3 UJ	16 U	110 U	0.17 J	0.29 UJ	0.2 J	0.29 UJ	0.12 J
Biphenyl (1,1-Biphenyl)	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
bis(2-Chloroethoxy)methane	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
bis(2-Chloroethyl)ether	mg/kg	0.87 U	0.09 U	0.09 U	0.088 UJ	0.088 UJ	0.09 UJ	4.7 U	34 U	0.088 UJ	0.087 UJ	0.085 UJ	0.087 UJ	0.085 UJ
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	2.9 U	0.3 U	0.021 J	0.29 UJ	0.024 J	0.3 UJ	16 U	110 U	0.026 J	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Butyl benzylphthalate (BBP)	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Caprolactam	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Carbazole	mg/kg	2.9 U	0.3 U	0.15 J	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.031 J	0.29 UJ	0.28 UJ
Chrysene	mg/kg	0.39 J	0.03 J	0.26 J	0.19 J	0.29 UJ	0.3 UJ	16 U	110 U	0.28 J	0.29 UJ	0.31 J	0.29 UJ	0.22 J
Dibenz(a,h)anthracene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.041 J	0.29 UJ	0.065 J	0.29 UJ	0.28 UJ
Dibenzofuran	mg/kg	0.11 J	0.0066 J	0.14 J	0.012 J	0.29 UJ	0.3 UJ	16 U	9.4 J ⁱ	0.016 J	0.29 UJ	0.0091 J	0.29 UJ	0.28 UJ
Diethyl phthalate	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Dimethyl phthalate	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Di-n-butylphthalate (DBP)	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	10 J	1800 ^{dehij}	0.018 J	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ
Di-n-octyl phthalate (DnOP)	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	
		SB19-85	SB19-88	SB19-88	SB19-90	SB19-90	SB19-10	SB19-10	SB19-73	SB19-74	SB19-74	SB19-75	SB19-75	SB19-75	
		5-7 ft BGS	0-2 ft BGS	7-9 ft BGS	0-2 ft BGS	8-10 ft BGS	8-10 ft BGS	3-5 ft BGS	5-7 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	
		S-17303-120612-EM-043	S-17303-120612-EM-040	S-17303-120612-EM-041	S-17303-120512-EM-027	S-17303-120512-EM-028	S-17303-120512-EM-029	SO-17303-020112-CB-001	ST-17303-020112-CB-002	S-17303-120412-EM-008	S-17303-120412-EM-009	S-17303-120412-EM-003	S-17303-120412-EM-004	S-17303-120412-EM-005	
		12/06/2012	12/06/2012	12/06/2012	12/05/2012	12/05/2012	12/05/2012	02/01/2012	02/01/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	
Fluoranthene	mg/kg	0.72 J	0.031 J	0.7	0.33 J	0.0089 J	0.3 UJ	0.56 J	7.4 J ⁱ	0.51 J	0.0096 J	0.62 J	0.29 UJ	0.37 J	
Fluorene	mg/kg	0.053 J	0.3 U	0.2 J	0.021 J	0.29 UJ	0.3 UJ	16 U	110 U	0.011 J	0.29 UJ	0.019 J	0.29 UJ	0.28 UJ	
Hexachlorobenzene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
Hexachlorobutadiene	mg/kg	0.43 U	0.045 U	0.045 U	0.044 UJ	0.044 UJ	0.045 UJ	2.4 U	17 U	0.044 UJ	0.045 UJ	0.043 UJ	0.044 UJ	0.043 UJ	
Hexachlorocyclopentadiene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
Hexachloroethane	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
Indeno(1,2,3-cd)pyrene	mg/kg	0.24 J	0.023 J	0.087 J	0.062 J	0.29 UJ	0.3 UJ	16 U	110 U	0.16 J	0.29 UJ	0.28 J	0.29 UJ	0.13 J	
Isophorone	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
Naphthalene	mg/kg	1.1 J ⁱ	0.011 J	0.29 J	0.019 J	0.29 UJ	0.3 UJ	3.4 J ⁱ	320 ^{ei}	0.023 J	0.29 UJ	0.015 J	0.29 UJ	0.013 J	
Nitrobenzene	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
N-Nitrosodi-n-propylamine	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
N-Nitrosodiphenylamine	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ	16 U	110 U	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
Pentachlorophenol	mg/kg	1.6 U	0.17 U	0.17 U	0.16 UJ	0.16 UJ	0.17 UJ	8.9 U	64 U	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ	0.16 UJ	
Phenanthrene	mg/kg	0.45 J	0.026 J	0.47	0.19 J	0.0071 J	0.3 UJ	1.7 J	30 J ⁱ	0.15 J	0.009 J	0.26 J	0.29 UJ	0.075 J	
Phenol	mg/kg	2.9 U	0.3 U	0.3 U	0.29 UJ	0.3 UJ	0.29 UJ	16 U	250 ⁱ	0.29 UJ	0.29 UJ	0.28 UJ	0.29 UJ	0.28 UJ	
Pyrene	mg/kg	0.69 J	0.035 J	0.63	0.3 J	0.0099 J	0.3 UJ	1 J	5.2 J	0.43 J	0.0068 J	0.52 J	0.29 UJ	0.33 J	
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inorganics															
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antimony	mg/kg	25 J ^e	0.15 J	0.52 J	0.072 J	0.031 J	0.034 J	5100 ^{dei}	1500 ^{dei}	0.098 J	0.029 J	0.18 J	0.055 J	0.19 J	
Arsenic	mg/kg	2.7	5.4	1.9	4.7	0.85	1.3	11 ^{xci}	13 ^{xci}	4.1	3.1	3.6	2.5	2.3	
Barium	mg/kg	73	63	27	31	8.2	12	4400 ^{xci}	1900 ^{xci}	39	11	75	9.8	33	
Beryllium	mg/kg	0.17 U	0.18	0.15 U	0.053 J	0.16 U	0.16 U	0.17 U	3.8 U	0.16 U	0.15 U	0.13 U	0.12 U	0.14 U	
Cadmium	mg/kg	1.7	0.21	0.35	0.30	0.074 J	0.052 J	5.0	17 ^{xci}	0.31	0.076 U	0.29	0.059 U	0.36	
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chromium	mg/kg	200	14	8.0	19	4.7	6.2	2600	45000	9.2	8.4	11	15	9.0	
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	2500	2200	-	-	-	-	-	
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	100 ^{ei}	43000 ^{degi}	-	-	-	-	-	
Cobalt	mg/kg	4.9	7.3 ^{xci}	2.4	4.3	2.6	2.8	9.2 ^{xci}	420 ^{xci}	4.3	3.7	3.7	4.6	3.3	
Copper	mg/kg	15 J	18 J	5.4 J	10	6.1	6.5	44	63	7.4	7.1	37	8.5	7.8	
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	mg/kg	41	10	11	14	2.6	3.8	-	9000 ^{xdei}	36	3.9	38	3.5	18	
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	390	-	--	--	--	--	--	
Lead - fine fraction	mg/kg	-	-	-	-	-	-	540	-	--	--	--	--	--	
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	450	-	--	--	--	--	--	
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manganese	mg/kg	150	360	150	280	99	130	180	480 ^{xci}	560 ^{xci}	150	190	120	340	
Mercury	mg/kg	0.028 J	0.047 U	0.049 U	0.023 J	0.039 U	0.047 U	0.12	0.043 J	0.021 J	0.050 U	0.021 J	0.039 U	0.042 U	
Nickel	mg/kg	7.0	21	5.7	10	6.3	7.6	4.6	19 U	8.4	6.8	9.5	7.8	7.4	
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Selenium	mg/kg	0.33	0.57 ^{xci}	0.32	0.41	0.27	0.27	17 U	19 U	0.30	0.31	0.28	0.23	0.21	
Silver	mg/kg	0.78	0.020 J	0.074 U	0.028 J	0.013 J	0.0083 J	3.8 J ^{xci}	9.5 U	0.017 J	0.077 U	0.019 J	0.0071 J	0.016 J	
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	
Thallium	mg/kg	0.10	0.29	0.16	0.16	0.11	0.059 J	8.4 U	9.5 U	0.10	0.053 J	0.12	0.062 J	0.070 J	
Vanadium	mg/kg	9.7	20	9.2	14	8.4	11	9.4	15 J	13	15	14	9.9	13	
Zinc	mg/kg	310	49	29	50	17	15	4500 ⁱ	78000 ^{ei}	29	15	24	16	23	
PCBs															
Aroclor-1016 (PCB-1016)	mg/kg	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ	1.6 U	38 U	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	
Aroclor-1221 (PCB-1221)	mg/kg	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ	1.6 U	38 U	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	
Aroclor-1232 (PCB-1232)	mg/kg	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ	1.6 U	38 U	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	
Aroclor-1242 (PCB-1242)	mg/kg	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ	1.6 U	38 U	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	
Aroclor-1248 (PCB-1248)	mg/kg	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ	1.6 U	38 U	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	
Aroclor-1254 (PCB-1254)	mg/kg	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ	0.42 J	38 U	0.28 UJ	0.3 UJ	0.28 UJ	0.29 UJ	0.36 UJ	
Aroclor-1260 (PCB-1260)	mg/kg	0.51	0.071 J	0.93	0.043 J	0.3 UJ	0.3 UJ	1.6 U	38 U	0.27 J	0.3 UJ	0.28 J	0.29 UJ	0.81 J	
Total PCBs	mg/kg	-	-	-	-	-	-	0.42	38 U	0.27 J	0.3 UJ	0.28 J	0.29 UJ	0.81 J	
General Chemistry															
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-	

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	SB19-85	SB19-88	SB19-88	SB19-90	SB19-90	SB19-90	SG19-10	SG19-10	SB19-73	SB19-73	SB19-74	SB19-74	SB19-75
Sample Depth:	5-7 ft BGS	0-2 ft BGS	7-9 ft BGS	0-2 ft BGS	8-10 ft BGS	8-10 ft BGS	3-5 ft BGS	5-7 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS
Sample ID:	S-17303-120612-EM-043	S-17303-120612-EM-040	S-17303-120612-EM-041	S-17303-120512-EM-027	S-17303-120512-EM-028	S-17303-120512-EM-029	SO-17303-020112-CB-001	ST-17303-020112-CB-002	S-17303-120412-EM-008	S-17303-120412-EM-009	S-17303-120412-EM-003	S-17303-120412-EM-004	S-17303-120412-EM-005
Sample Date:	12/06/2012	12/06/2012	12/06/2012	12/05/2012	12/05/2012	12/05/2012	02/01/2012	02/01/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012
Sample Type:						Duplicate							
Parameter:													
	Units												
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-75 12-14 ft BGS S-17303-120412-EM-007 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-006 12/04/2012	PAOC 23 SB19-76 0-2 ft BGS S-17303-120412-EM-001 12/04/2012	PAOC 23 SB19-76 6-8 ft BGS S-17303-120412-EM-002 12/04/2012	PAOC 23 SB19-77 0-2 ft BGS S-17303-120412-EM-012 12/04/2012	PAOC 23 SB19-77 6.5-8.5 ft BGS S-17303-120412-EM-013 12/04/2012	PAOC 23 SB19-78 0-2 ft BGS S-17303-120512-EM-031 12/05/2012	PAOC 23 SB19-78 14.7-16.7 ft BGS S-17303-120512-EM-033 12/05/2012	PAOC 23 SB19-78 7.5-9.5 ft BGS S-17303-120512-EM-032 12/05/2012	PAOC 23 SB19-79 0-2 ft BGS S-17303-120512-EM-035 12/05/2012	PAOC 23 SB19-79 8-10 ft BGS S-17303-120512-EM-036 12/05/2012	PAOC 23 SB19-80 0-2 ft BGS S-17303-120512-EM-022 12/05/2012	PAOC 23 SB19-80 14.3-16.3 ft BGS S-17303-120512-EM-024 12/05/2012
VOCs	Units													
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,1,2,2-Tetrachloroethane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,1,2-Trichloroethane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,1-Dichloroethane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,1-Dichloroethene	mg/kg	1.7 J ^{ef}	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
1,2-Dichlorobenzene	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
1,2-Dichloroethane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	36 UJ	27 UJ	0.63 UJ	0.65 UJ	0.63 UJ	0.64 UJ	0.72 UJ	2.7 UJ	0.74 UJ	0.049 J	0.057 J	0.66 U	33 U
2-Hexanone	mg/kg	120 UJ	91 UJ	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	2.4 UJ	9 UJ	2.5 UJ	2.2 U	2.4 U	2.2 U	110 U
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	120 UJ	91 UJ	2.1 UJ	2.2 UJ	2.1 UJ	2.1 UJ	2.4 UJ	9 UJ	2.5 UJ	2.2 U	2.4 U	2.2 U	110 U
Acetone	mg/kg	36 UJ	27 UJ	0.63 UJ	0.65 UJ	0.63 UJ	0.64 UJ	0.72 UJ	2.7 UJ	0.74 UJ	0.65 U	0.73 U	0.66 U	33 U
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	2.4 UJ	3 J ^e	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.066 J	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
Bromoform	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
Bromomethane (Methyl bromide)	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
Carbon disulfide	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
Carbon tetrachloride	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Chlorobenzene	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
Chloroform (Trichloromethane)	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Chloromethane (Methyl chloride)	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
cis-1,2-Dichloroethene	mg/kg	55 J ^{efi}	130 J ^{efi}	0.042 UJ	0.057 J	0.042 UJ	0.043 UJ	0.048 UJ	0.095 J	0.05 UJ	0.043 U	0.048 U	0.044 U	94 ^{efi}
cis-1,3-Dichloropropene	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Cyclohexane	mg/kg	58 UJ	44 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ	0.78 J	1.2 UJ	1 U	1.2 U	1.1 U	4.7 J
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	1.1 J ⁱ	22 J ^{efi}	0.042 UJ	0.0075 J	0.042 UJ	0.043 UJ	0.048 UJ	5.4 J ^{efi}	0.05 UJ	0.043 U	0.048 U	0.044 U	38 ^{efi}
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	12 UJ	2.1 J	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	1.8 J	0.25 UJ	0.22 U	0.24 U	0.22 U	13 ⁱ
Methyl acetate	mg/kg	58 UJ	44 UJ	0.042 J	0.033 J	1 UJ	1 UJ	1.1 UJ	4.3 UJ	1.2 UJ	0.032 J	1.2 U	1.1 U	52 U
Methyl cyclohexane	mg/kg	58 UJ	44 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.1 UJ	2.1 J	1.2 UJ	1 U	1.2 U	1.1 U	23 J
Methyl tert butyl ether (MTBE)	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
Methylene chloride	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.21 UJ	0.24 UJ	0.9 UJ	0.25 UJ	0.22 U	0.24 U	0.22 U	11 U
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Tetrachloroethene	mg/kg	2.4 UJ	1.8 UJ	0.029 J	0.018 J	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
Toluene	mg/kg	10 J ⁱ	110 J ^{efi}	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	4.9 J	0.099 UJ	0.086 U	0.097 U	0.088 U	62 ^{efi}

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-75 12-14 ft BGS S-17303-120412-EM-007 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-006 12/04/2012	PAOC 23 SB19-76 0-2 ft BGS S-17303-120412-EM-001 12/04/2012	PAOC 23 SB19-76 6-8 ft BGS S-17303-120412-EM-002 12/04/2012	PAOC 23 SB19-77 0-2 ft BGS S-17303-120412-EM-012 12/04/2012	PAOC 23 SB19-77 6.5-8.5 ft BGS S-17303-120412-EM-013 12/04/2012	PAOC 23 SB19-78 0-2 ft BGS S-17303-120512-EM-031 12/05/2012	PAOC 23 SB19-78 14.7-16.7 ft BGS S-17303-120512-EM-033 12/05/2012	PAOC 23 SB19-78 7.5-9.5 ft BGS S-17303-120512-EM-032 12/05/2012	PAOC 23 SB19-79 0-2 ft BGS S-17303-120512-EM-035 12/05/2012	PAOC 23 SB19-79 8-10 ft BGS S-17303-120512-EM-036 12/05/2012	PAOC 23 SB19-80 0-2 ft BGS S-17303-120512-EM-022 12/05/2012	PAOC 23 SB19-80 14.3-16.3 ft BGS S-17303-120512-EM-024 12/05/2012
	Units													
trans-1,2-Dichloroethene	mg/kg	6.2 J ^e	12 J ^e	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
trans-1,3-Dichloropropene	mg/kg	2.4 UJ	1.8 UJ	0.042 UJ	0.043 UJ	0.042 UJ	0.043 UJ	0.048 UJ	0.18 UJ	0.05 UJ	0.043 U	0.048 U	0.044 U	2.2 U
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	200 J ^{efi}	2.3 J ^e	0.46 J ^e	0.11 J ^e	0.071 J	0.031 J	0.048 UJ	0.18 UJ	0.25 J ^e	0.12 ^e	0.018 J	0.034 J	2.2 U
Trichlorofluoromethane (CFC-11)	mg/kg	4.8 UJ	3.6 UJ	0.084 UJ	0.086 UJ	0.085 UJ	0.086 UJ	0.095 UJ	0.36 UJ	0.099 UJ	0.086 U	0.097 U	0.088 U	4.3 U
Trifluorotrichloroethane (Freon 113)	mg/kg	12 UJ	9.1 UJ	0.21 UJ	0.22 UJ	0.21 UJ	0.22 UJ	0.24 UJ	0.9 UJ	0.21 UJ	0.22 U	0.24 U	0.22 U	11 U
Vinyl chloride	mg/kg	8.3 J ^{efi}	8.2 J ^{efi}	0.034 UJ	0.035 UJ	0.034 UJ	0.034 UJ	0.038 UJ	5.6 J ^{efi}	0.04 UJ	0.034 U	0.039 U	0.035 U	8 J ^{cdefhi}
Xylenes (total)	mg/kg	6.7 J ^{ei}	140 J ^{ei}	0.042 J	0.044 J	0.016 J	0.13 UJ	0.14 UJ	28 J ^{ei}	0.15 UJ	0.13 U	0.15 U	0.13 U	240 J ^{efhij}
SVOCs														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2,4,5-Trichlorophenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2,4,6-Trichlorophenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2,4-Dichlorophenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2,4-Dimethylphenol	mg/kg	0.042 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2,4-Dinitrophenol	mg/kg	0.18 UJ	0.17 UJ	0.8 UJ	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ	0.86 UJ	0.17 UJ	0.17 U	0.16 U	0.16 U	3.5 U
2,4-Dinitrotoluene	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2,6-Dinitrotoluene	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2-Chloronaphthalene	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2-Chlorophenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	R	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2-Methylnaphthalene	mg/kg	0.012 J	0.016 J	0.062 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.53 J	0.3 UJ	0.034 J	0.29 U	0.29 U	6.4 J ⁱ
2-Methylphenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
2-Nitroaniline	mg/kg	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U
2-Nitrophenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
3&4-Methylphenol	mg/kg	0.32 UJ	0.1 J	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
3,3'-Dichlorobenzidine	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
3-Nitroaniline	mg/kg	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U
4,6-Dinitro-2-methylphenol	mg/kg	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U
4-Bromophenyl phenyl ether	mg/kg	0.18 UJ	0.17 UJ	0.8 UJ	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ	0.86 UJ	0.17 UJ	0.17 U	0.16 U	0.16 U	3.5 U
4-Chloro-3-methylphenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
4-Chloroaniline	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
4-Chlorophenyl phenyl ether	mg/kg	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	0.24 UJ	0.22 UJ	1.1 UJ	0.23 UJ	0.21 UJ	0.23 UJ	0.21 UJ	1.1 UJ	0.22 UJ	0.22 U	0.22 U	0.22 U	4.7 U
4-Nitrophenol	mg/kg	0.4 UJ	0.36 UJ	1.8 UJ	0.39 UJ	0.35 UJ	0.37 UJ	0.35 UJ	1.9 UJ	0.37 UJ	0.36 U	0.36 U	0.36 U	7.7 U
Acenaphthene	mg/kg	0.32 UJ	0.29 UJ	0.12 J	0.31 UJ	0.0055 J	0.3 UJ	0.28 UJ	0.82 J	0.3 UJ	0.0089 J	0.29 U	0.29 U	8.1
Acenaphthylene	mg/kg	0.32 UJ	0.29 UJ	0.034 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	0.2 J
Acetophenone	mg/kg	0.095 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Anthracene	mg/kg	0.32 UJ	0.021 J	0.34 J	0.31 UJ	0.014 J	0.3 UJ	0.28 UJ	0.55 J	0.3 UJ	0.017 J	0.29 U	0.29 U	3.2 J
Atrazine	mg/kg	0.048 UJ	0.044 UJ	0.21 UJ	0.047 UJ	0.042 UJ	0.045 UJ	0.042 UJ	0.23 UJ	0.045 UJ	0.044 U	0.044 U	0.044 U	0.93 U
Benzaldehyde	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Benzo(a)anthracene	mg/kg	0.32 UJ	0.14 J	1.8 J	0.31 UJ	0.065 J	0.3 UJ	0.28 UJ	0.79 J	0.3 UJ	0.094 J	0.29 U	0.29 U	4.1 J
Benzo(a)pyrene	mg/kg	0.32 UJ	0.17 J	1.8 J	0.31 UJ	0.075 J	0.3 UJ	0.28 UJ	0.36 J	0.3 UJ	0.11 J	0.29 U	0.015 J	2.2 J
Benzo(b)fluoranthene	mg/kg	0.32 UJ	0.28 J	2.1 J	0.31 UJ	0.086 J	0.3 UJ	0.28 UJ	0.57 J	0.3 UJ	0.15 J	0.29 U	0.0073 J	4.8 J
Benzo(g,h,i)perylene	mg/kg	0.32 UJ	0.083 J	1.3 J	0.31 UJ	0.087 J	0.3 UJ	0.28 UJ	0.33 J	0.3 UJ	0.07 J	0.29 U	0.0055 J	1.1 J
Benzo(k)fluoranthene	mg/kg	0.32 UJ	0.11 J	1.2 J	0.31 UJ	0.043 J	0.3 UJ	0.28 UJ	0.35 J	0.3 UJ	0.055 J	0.29 U	0.004 J	1.3 J
Biphenyl (1,1-Biphenyl)	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.18 J	0.3 UJ	0.29 U	0.29 U	0.29 U	1.5 J
bis(2-Chloroethoxy)methane	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
bis(2-Chloroethyl)ether	mg/kg	0.096 UJ	0.088 UJ	0.43 UJ	0.093 UJ	0.084 UJ	0.091 UJ	0.084 UJ	0.46 UJ	0.09 UJ	0.088 U	0.087 U	0.088 U	1.9 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.024 J	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.03 J	0.022 J	0.027 J	6.1 U
Butyl benzylphthalate (BBP)	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Caprolactam	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Carbazole	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.41 J	0.3 UJ	0.29 U	0.29 U	0.29 U	1.3 J ^j
Chrysene	mg/kg	0.03 J	0.21 J	1.9 J	0.31 UJ	0.06 J	0.3 UJ	0.28 UJ	0.78 J	0.3 UJ	0.11 J	0.29 U	0.29 U	4.2 J
Dibenz(a,h)anthracene	mg/kg	0.32 UJ	0.29 UJ	0.26 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.028 J	0.29 U	0.29 U	6.1 U
Dibenzofuran	mg/kg	0.32 UJ	0.29 UJ	0.043 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.66 J	0.3 UJ	0.011 J	0.29 U	0.29 U	6.1 J ⁱ
Diethyl phthalate	mg/kg	0.055 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Dimethyl phthalate	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.29 U	0.29 U	0.29 U	0.29 U	6.1 U
Di-n-butylphthalate (DBP)	mg/kg	0.25 J	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	3.3 J	0.3 UJ	0.29 U	0.29 U	0.29 U	16 J ⁱ
Di-n-octyl phthalate (DnOP)	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-75 12-14 ft BGS S-17303-120412-EM-007 12/04/2012	PAOC 23 SB19-75 6-8 ft BGS S-17303-120412-EM-006 12/04/2012	PAOC 23 SB19-76 0-2 ft BGS S-17303-120412-EM-001 12/04/2012	PAOC 23 SB19-76 6-8 ft BGS S-17303-120412-EM-002 12/04/2012	PAOC 23 SB19-77 0-2 ft BGS S-17303-120412-EM-012 12/04/2012	PAOC 23 SB19-77 6.5-8.5 ft BGS S-17303-120412-EM-013 12/04/2012	PAOC 23 SB19-78 0-2 ft BGS S-17303-120512-EM-031 12/05/2012	PAOC 23 SB19-78 14.7-16.7 ft BGS S-17303-120512-EM-033 12/05/2012	PAOC 23 SB19-78 7.5-9.5 ft BGS S-17303-120512-EM-032 12/05/2012	PAOC 23 SB19-79 0-2 ft BGS S-17303-120512-EM-035 12/05/2012	PAOC 23 SB19-79 8-10 ft BGS S-17303-120512-EM-036 12/05/2012	PAOC 23 SB19-80 0-2 ft BGS S-17303-120512-EM-022 12/05/2012	PAOC 23 SB19-80 14.3-16.3 ft BGS S-17303-120512-EM-024 12/05/2012
	Units													
Fluoranthene	mg/kg	0.024 J	0.36 J	4 J	0.31 UJ	0.12 J	0.3 UJ	0.28 UJ	2.7 J	0.3 UJ	0.2 J	0.29 U	0.0072 J	14 ⁱ
Fluorene	mg/kg	0.32 UJ	0.29 UJ	0.094 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.71 J	0.3 UJ	0.0077 J	0.29 U	0.29 U	7.1 ⁱ
Hexachlorobenzene	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Hexachlorobutadiene	mg/kg	0.048 UJ	0.044 UJ	0.21 UJ	0.047 UJ	0.042 UJ	0.045 UJ	0.042 UJ	0.23 UJ	0.045 UJ	0.044 U	0.044 U	0.044 U	0.93 U
Hexachlorocyclopentadiene	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Hexachloroethane	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.32 UJ	0.076 J	1 J	0.31 UJ	0.054 J	0.3 UJ	0.28 UJ	0.24 J	0.3 UJ	0.066 J	0.29 U	0.29 U	1.2 J
Isophorone	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Naphthalene	mg/kg	0.44 J	0.12 J	0.049 J	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	3.3 J ⁱ	0.3 UJ	0.041 J	0.29 U	0.29 U	30 ⁱ
Nitrobenzene	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
N-Nitrosodi-n-propylamine	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
N-Nitrosodiphenylamine	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Pentachlorophenol	mg/kg	0.18 UJ	0.17 UJ	0.8 UJ	0.18 UJ	0.16 UJ	0.17 UJ	0.16 UJ	0.86 UJ	0.17 UJ	0.17 U	0.16 U	0.16 U	3.5 U
Phenanthrene	mg/kg	0.029 J	0.099 J	1.6 J	0.31 UJ	0.058 J	0.3 UJ	0.28 UJ	4 J ⁱ	0.3 UJ	0.092 J	0.29 U	0.29 U	24 ⁱ
Phenol	mg/kg	0.32 UJ	0.29 UJ	1.4 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	1.5 UJ	0.3 UJ	0.29 U	0.29 U	0.29 U	6.1 U
Pyrene	mg/kg	0.033 J	0.31 J	3.3 J	0.31 UJ	0.1 J	0.3 UJ	0.28 UJ	1.9 J	0.3 UJ	0.16 J	0.29 U	0.0067 J	9.4
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics														
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	0.11 J	0.77 J	1.4 J	0.048 J	0.18 J	0.062 J	0.083 J	0.093 J	0.028 J	0.46 J	0.14 UJ	1.5 J	0.096 J
Arsenic	mg/kg	2.3	2.2	2.6	3.1	2.7	2.9	1.5	5.2	1.6	3.5	1.5	2.6	2.9
Barium	mg/kg	5.7	29	79	13	15	9.7	7.7	4.6	8.8	44	7.7	17	11
Beryllium	mg/kg	0.16 U	0.13 U	0.21	0.14 U	0.15 U	0.15 U	0.15 U	0.14 U	0.17 U	0.053 J	0.14 U	0.14 U	0.17 U
Cadmium	mg/kg	0.055 J	0.17	12 nd	0.072 U	0.31	0.074 U	0.12	0.072	0.10	1.2	0.064 J	0.47	0.20
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	3.9	8.9	31	8.5	5.9	6.6	4.7	8.4	8.3	16	5.3	27	270
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	2.6	2.3	3.7	3.4	2.4	3.2	2.0	2.0	2.7	4.2	2.8	3.4	2.4
Copper	mg/kg	5.8	6.3	24	6.6	6.2	6.4	3.5	3.8	7.5	7.6	4.8	7.0	7.8
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	2.7	21	--	4.2	10	3.4	2.1	2.7	3.1	17	3.9	8.3	3.8
Lead - coarse fraction	mg/kg	--	--	1100 nd	--	--	--	--	--	--	--	--	--	--
Lead - fine fraction	mg/kg	--	--	120	--	--	--	--	--	--	--	--	--	--
Lead - total (calculated by fine/coarse fraction)	mg/kg	--	--	760 nd	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	120	140	870 nd	130	130	190	84	130 J	160 J	320 J	150 J	190 J	130 J
Mercury	mg/kg	0.051 U	0.048 U	0.021 J	0.049 U	0.016 J	0.042 U	0.044 U	0.046 U	0.046 U	0.022 J	0.047 U	0.021 J	0.046 U
Nickel	mg/kg	5.5	5.8	8.0	7.3	5.8	6.4	4.3	4.8	6.9	11	5.7	6.9	5.8
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.49 nd	0.23	0.53 nd	0.26	0.22	0.33	0.12 J	0.26	0.20	0.58 nd	0.31	0.42 nd	0.30
Silver	mg/kg	0.018 J	0.029 J	0.062 J	0.0077 J	0.015 J	0.0088 J	0.077 U	0.0066 J	0.0064 J	0.072 U	0.069 U	0.018 J	0.083 U
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	0.091 J	0.065 J	0.079	0.064 J	0.057 J	0.070 J	0.032 J	0.13	0.057 J	0.13	0.069 U	0.082 U	0.11
Vanadium	mg/kg	5.8	7.8	13	16	8.9	10	6.1	5.6	12	14	9.6	11	6.6
Zinc	mg/kg	18	38	61	20	18	20	8.9	37	16	37	14	60	25
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.3 UJ	0.29 UJ	0.29 U	0.29 U	--	0.38 U
Aroclor-1221 (PCB-1221)	mg/kg	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U
Aroclor-1232 (PCB-1232)	mg/kg	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U
Aroclor-1242 (PCB-1242)	mg/kg	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U
Aroclor-1248 (PCB-1248)	mg/kg	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.2 J	0.29 UJ	0.29 U	0.29 U	0.29 U	0.92
Aroclor-1254 (PCB-1254)	mg/kg	0.31 UJ	0.29 UJ	0.28 UJ	0.31 UJ	0.28 UJ	0.3 UJ	0.28 UJ	0.3 UJ	0.29 UJ	0.29 U	0.29 U	0.29 U	0.38 U
Aroclor-1260 (PCB-1260)	mg/kg	0.31 UJ	0.35 J	--	0.31 UJ	0.019 J	0.3 UJ	0.28 UJ	0.18 J	0.29 UJ	0.26 J	0.29 U	--	0.73
Total PCBs	mg/kg	0.31 UJ	0.35 J	0.28 UJ	0.31 UJ	0.019 J	0.3 UJ	0.28 UJ	0.38 J	0.29 UJ	0.26 J	0.29 U	0.29 U	1.65
General Chemistry														
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	SB19-75	SB19-75	SB19-76	SB19-76	SB19-77	SB19-77	SB19-78	SB19-78	SB19-78	SB19-79	SB19-79	SB19-80	SB19-80
Sample Depth:	12-14 ft BGS	6-8 ft BGS	0-2 ft BGS	6-8 ft BGS	0-2 ft BGS	6.5-8.5 ft BGS	0-2 ft BGS	14.7-16.7 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	8-10 ft BGS	0-2 ft BGS	14.3-16.3 ft BGS
Sample ID:	S-17303-120412-EM-007	S-17303-120412-EM-006	S-17303-120412-EM-001	S-17303-120412-EM-002	S-17303-120412-EM-012	S-17303-120412-EM-013	S-17303-120512-EM-031	S-17303-120512-EM-033	S-17303-120512-EM-032	S-17303-120512-EM-035	S-17303-120512-EM-036	S-17303-120512-EM-022	S-17303-120512-EM-024
Sample Date:	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/04/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012
Sample Type:													
Parameter:													
	Units												
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-80 8-10 ft BGS S-17303-120512-EM-023 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-019 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-020 12/05/2012 Duplicate	PAOC 23 SB19-82 8-10 ft BGS S-17303-120512-EM-021 12/05/2012	PAOC 23 SB19-83 0-2 ft BGS S-17303-120512-EM-016 12/05/2012	PAOC 23 SB19-83 7.5-9.5 ft BGS S-17303-120512-EM-017 12/05/2012	PAOC 23 SB19-85 0-2 ft BGS S-17303-120612-EM-042 12/06/2012	PAOC 23 SB19-85 5-7 ft BGS S-17303-120612-EM-043 12/06/2012	PAOC 23 SB19-88 0-2 ft BGS S-17303-120612-EM-040 12/06/2012	PAOC 23 SB19-88 7-9 ft BGS S-17303-120612-EM-041 12/06/2012	PAOC 23 SB19-90 0-2 ft BGS S-17303-120512-EM-027 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-028 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-029 12/05/2012 Duplicate
VOCs	Units													
1,1,1,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,1,2,2-Tetrachloroethane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,1,2-Trichloroethane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,1-Dichloroethane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,1-Dichloroethene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,2,3-Trichloropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
1,2,4-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
1,2-Dichlorobenzene	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.028 J	1.8 ⁱ	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
1,2-Dichloroethane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
1,3,5-Trimethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U	0.37 ^d	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
1-Chloro-2,3-epoxypropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.66 U	0.75 U	0.7 U	0.68 U	0.62 UJ	0.68 UJ	0.6 U	2.5 U	0.68 U	0.67 U	0.61 UJ	0.66 UJ	0.69 UJ
2-Hexanone	mg/kg	2.2 U	2.5 U	2.3 U	2.3 U	2.1 UJ	2.3 UJ	2 U	8.4 U	2.3 U	2.2 U	2 UJ	2.2 UJ	2.3 UJ
2-Nitropropane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.2 U	2.5 U	2.3 U	2.3 U	2.1 UJ	2.3 UJ	2 U	8.4 U	2.3 U	2.2 U	2 UJ	2.2 UJ	2.3 UJ
Acetone	mg/kg	0.66 U	0.75 U	0.7 U	0.68 U	0.62 UJ	0.68 UJ	0.6 U	2.5 U	0.68 U	0.67 U	0.61 UJ	0.66 UJ	0.69 UJ
alpha-Methylstyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.21 ^e	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Bromobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
Bromoform	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
Bromomethane (Methyl bromide)	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
Carbon disulfide	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.014 J	0.2 UJ	0.22 UJ	0.23 UJ
Carbon tetrachloride	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Chlorobenzene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	1.2 ⁱ	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
Chloroform (Trichloromethane)	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Chloromethane (Methyl chloride)	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
cis-1,2-Dichloroethene	mg/kg	0.011 J	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.036 J	0.045 U	0.036 J	0.041 UJ	0.044 UJ	0.046 UJ
cis-1,3-Dichloropropene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Cyclohexane	mg/kg	1.1 U	1.2 U	1.1 U	1.1 U	0.99 UJ	1.1 UJ	0.95 U	0.17 J	1.1 U	1.1 U	0.98 UJ	1.1 UJ	1.1 UJ
Cyclohexanone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Dibromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
Ethyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.011 J	0.045 UJ	0.011 J	5 th	0.045 U	0.14	0.041 UJ	0.044 UJ	0.046 UJ
Iodomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.0079 J	1.6	0.23 U	0.029 J	0.2 UJ	0.22 UJ	0.23 UJ
Methyl acetate	mg/kg	1.1 U	0.052 J	0.042 J	1.1 U	0.99 UJ	0.067 J	0.95 U	0.13 J	1.1 U	1.1 U	0.98 UJ	1.1 UJ	1.1 UJ
Methyl cyclohexane	mg/kg	1.1 U	1.2 U	1.1 U	1.1 U	0.045 J	1.1 UJ	0.047 J	0.79 J	0.033 J	1.1 UJ	0.98 UJ	1.1 UJ	1.1 UJ
Methyl tert butyl ether (MTBE)	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
Methylene chloride	mg/kg	0.22 U	0.25 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.2 UJ	0.22 UJ	0.23 UJ
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Tetrachloroethene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
Toluene	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.028 J	0.091 UJ	0.041 J	2.4	0.019 J	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ

APPENDIX F.2A

PAOC 23 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-80 8-10 ft BGS S-17303-120512-EM-023 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-019 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-020 12/05/2012 Duplicate	PAOC 23 SB19-82 8-10 ft BGS S-17303-120512-EM-021 12/05/2012	PAOC 23 SB19-83 0-2 ft BGS S-17303-120512-EM-016 12/05/2012	PAOC 23 SB19-83 7.5-9.5 ft BGS S-17303-120512-EM-017 12/05/2012	PAOC 23 SB19-85 0-2 ft BGS S-17303-120612-EM-042 12/06/2012	PAOC 23 SB19-85 5-7 ft BGS S-17303-120612-EM-043 12/06/2012	PAOC 23 SB19-88 0-2 ft BGS S-17303-120612-EM-040 12/06/2012	PAOC 23 SB19-88 7-9 ft BGS S-17303-120612-EM-041 12/06/2012	PAOC 23 SB19-90 0-2 ft BGS S-17303-120512-EM-027 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-028 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-029 12/05/2012 Duplicate
	Units													
trans-1,2-Dichloroethene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
trans-1,3-Dichloropropene	mg/kg	0.044 U	0.05 U	0.047 U	0.045 U	0.041 UJ	0.045 UJ	0.04 U	0.17 U	0.045 U	0.045 U	0.041 UJ	0.044 UJ	0.046 UJ
trans-1,4-Dichloro-2-butene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.09	0.03 J	0.014 J	0.045 U	0.034 J	0.045 UJ	0.22 ^e	8.9 ^{ei}	0.018 J	0.048	0.092 J	0.3 J ^e	0.14 J ^e
Trichlorofluoromethane (CFC-11)	mg/kg	0.089 U	0.1 U	0.094 U	0.091 U	0.082 UJ	0.091 UJ	0.08 U	0.34 U	0.091 U	0.089 U	0.082 UJ	0.088 UJ	0.092 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg	0.22 U	0.23 U	0.23 U	0.23 U	0.21 UJ	0.23 UJ	0.2 U	0.84 U	0.23 U	0.22 U	0.22 UJ	0.22 UJ	0.23 UJ
Vinyl chloride	mg/kg	0.035 U	0.04 U	0.038 U	0.036 U	0.033 UJ	0.036 UJ	0.032 U	0.33 ^{ei}	0.036 U	0.036 U	0.033 UJ	0.035 UJ	0.037 UJ
Xylenes (total)	mg/kg	0.13 U	0.15 U	0.14 U	0.14 U	0.078 J	0.14 UJ	0.12 U	26 ^{ei}	0.14 U	0.13 U	0.028 J	0.13 UJ	0.14 UJ
SVOCs														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2,4,5-Trichlorophenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2,4,6-Trichlorophenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2,4-Dichlorophenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2,4-Dimethylphenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.044 J	0.29 UJ	0.29 UJ	0.3 UJ
2,4-Dinitrophenol	mg/kg	0.17 U	0.16 U	0.4 U	0.17 U	0.16 UJ	0.17 UJ	0.16 U	1.6 U	0.17 U	0.17 U	0.16 UJ	0.16 UJ	0.17 UJ
2,4-Dinitrotoluene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2,6-Dinitrotoluene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2-Chloronaphthalene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2-Chlorophenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2-Methylnaphthalene	mg/kg	0.3 U	0.0089 J	0.16 J	0.29 U	0.052 J	0.3 UJ	0.0072 J	0.76 J	0.024 J	0.1 J	0.026 J	0.29 UJ	0.3 UJ
2-Methylphenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
2-Nitroaniline	mg/kg	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ
2-Nitrophenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
3&4-Methylphenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.27 J	0.29 UJ	0.29 UJ	0.3 UJ
3,3'-Dichlorobenzidine	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
3-Nitroaniline	mg/kg	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.23 UJ
4,6-Dinitro-2-methylphenol	mg/kg	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ
4-Bromophenyl phenyl ether	mg/kg	0.17 U	0.16 U	0.4 U	0.17 U	0.16 UJ	0.17 UJ	0.16 U	1.6 U	0.17 U	0.17 U	0.16 UJ	0.16 UJ	0.17 UJ
4-Chloro-3-methylphenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
4-Chloroaniline	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
4-Chlorophenyl phenyl ether	mg/kg	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ
4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	0.22 U	0.22 U	0.54 U	0.22 U	0.22 UJ	0.23 UJ	0.22 U	2.2 U	0.22 U	0.23 U	0.22 UJ	0.22 UJ	0.22 UJ
4-Nitrophenol	mg/kg	0.37 U	0.36 U	0.89 U	0.37 U	0.37 UJ	0.37 UJ	0.36 U	3.6 U	0.37 U	0.37 U	0.36 UJ	0.36 UJ	0.37 UJ
Acenaphthene	mg/kg	0.3 U	0.0052 J	0.06 J	0.29 U	0.0096 J	0.3 UJ	0.29 U	0.046 J	0.3 U	0.14 J	0.022 J	0.29 UJ	0.3 UJ
Acenaphthylene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.0073 J	0.3 UJ	0.0045 J	2.9 U	0.3 U	0.009 J	0.29 UJ	0.29 UJ	0.3 UJ
Acetophenone	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Anthracene	mg/kg	0.3 U	0.015 J	0.13 J	0.29 U	0.028 J	0.3 UJ	0.014 J	0.068 J	0.3 U	0.14 J	0.037 J	0.29 UJ	0.3 UJ
Atrazine	mg/kg	0.045 U	0.043 U	0.11 U	0.043 U	0.043 UJ	0.045 UJ	0.043 U	0.045 U	0.045 U	0.045 UJ	0.044 UJ	0.045 UJ	0.045 UJ
Benzaldehyde	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Benzo(a)anthracene	mg/kg	0.027 J	0.099 J	0.75 J	0.29 U	0.17 J	0.3 UJ	0.11 J	0.31 J	0.018 J	0.22 J	0.17 J	0.29 UJ	0.3 UJ
Benzo(a)pyrene	mg/kg	0.038 J	0.12 J	0.82 J	0.29 U	0.2 J	0.3 UJ	0.14 J	0.38 J	0.024 J	0.24 J	0.17 J	0.29 UJ	0.3 UJ
Benzo(b)fluoranthene	mg/kg	0.045 J	0.16 J	1.3 J	0.29 U	0.32 J	0.3 UJ	0.24 J	0.57 J	0.042 J	0.39	0.29 UJ	0.29 UJ	0.3 UJ
Benzo(g,h,i)perylene	mg/kg	0.017 J	0.066 J	0.31 J	0.29 U	0.11 J	0.3 UJ	0.069 J	0.23 J	0.022 J	0.093 J	0.076 J	0.29 UJ	0.3 UJ
Benzo(k)fluoranthene	mg/kg	0.021 J	0.07 J	0.32 J	0.29 U	0.1 J	0.3 UJ	0.088 J	0.2 J	0.012 J	0.15 J	0.097 J	0.29 UJ	0.3 UJ
Biphenyl (1,1-Biphenyl)	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
bis(2-Chloroethoxy)methane	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
bis(2-Chloroethyl)ether	mg/kg	0.09 U	0.087 U	0.22 U	0.089 U	0.087 UJ	0.09 UJ	0.087 U	0.87 U	0.09 U	0.088 UJ	0.088 UJ	0.09 UJ	0.09 UJ
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.021 J	0.029 J	0.71 U	0.29 U	0.028 J	0.022 J	0.29 U	2.9 U	0.3 U	0.021 J	0.29 UJ	0.024 J	0.3 UJ
Butyl benzylphthalate (BBP)	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Caprolactam	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Carbazole	mg/kg	0.3 U	0.29 U	0.089 J	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.15 J	0.29 UJ	0.29 UJ	0.3 UJ
Chrysene	mg/kg	0.032 J	0.11 J	0.84 J	0.29 U	0.2 J	0.3 UJ	0.13 J	0.39 J	0.03 J	0.26 J	0.19 J	0.29 UJ	0.3 UJ
Dibenz(a,h)anthracene	mg/kg	0.017 J	0.024 J	0.11 J	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Dibenzofuran	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.016 J	0.3 UJ	0.0037 J	0.11 J	0.0066 J	0.14 J	0.012 J	0.29 UJ	0.3 UJ
Diethyl phthalate	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Dimethyl phthalate	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Di-n-butylphthalate (DBP)	mg/kg	0.3 U	0.29 U	0.71 U	0.056 J	0.023 J	0.3 UJ	0.019 J	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Di-n-octyl phthalate (DnOP)	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-80 8-10 ft BGS S-17303-120512-EM-023 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-019 12/05/2012	PAOC 23 SB19-82 0-2 ft BGS S-17303-120512-EM-020 12/05/2012 Duplicate	PAOC 23 SB19-82 8-10 ft BGS S-17303-120512-EM-021 12/05/2012	PAOC 23 SB19-83 0-2 ft BGS S-17303-120512-EM-016 12/05/2012	PAOC 23 SB19-83 7.5-9.5 ft BGS S-17303-120512-EM-017 12/05/2012	PAOC 23 SB19-85 0-2 ft BGS S-17303-120612-EM-042 12/06/2012	PAOC 23 SB19-85 5-7 ft BGS S-17303-120612-EM-043 12/06/2012	PAOC 23 SB19-88 0-2 ft BGS S-17303-120612-EM-040 12/06/2012	PAOC 23 SB19-88 7-9 ft BGS S-17303-120612-EM-041 12/06/2012	PAOC 23 SB19-90 0-2 ft BGS S-17303-120512-EM-027 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-028 12/05/2012	PAOC 23 SB19-90 8-10 ft BGS S-17303-120512-EM-029 12/05/2012 Duplicate
Fluoranthene	mg/kg	0.049 J	0.21 J	1.6 J	0.29 U	0.34 J	0.3 UJ	0.17 J	0.72 J	0.031 J	0.7	0.33 J	0.0089 J	0.3 UJ
Fluorene	mg/kg	0.3 U	0.0051 J	0.051 J	0.29 U	0.012 J	0.3 UJ	0.0036 J	0.053 J	0.3 U	0.2 J	0.021 J	0.29 UJ	0.3 UJ
Hexachlorobenzene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Hexachlorobutadiene	mg/kg	0.045 U	0.043 U	0.11 U	0.045 U	0.043 UJ	0.045 UJ	0.043 U	0.43 U	0.045 U	0.045 U	0.044 UJ	0.044 UJ	0.045 UJ
Hexachlorocyclopentadiene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Hexachloroethane	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Indeno(1,2,3-cd)pyrene	mg/kg	0.019 J	0.058 J	0.28 J	0.29 U	0.099 J	0.3 UJ	0.068 J	0.24 J	0.023 J	0.087 J	0.062 J	0.29 UJ	0.3 UJ
Isophorone	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Naphthalene	mg/kg	0.3 U	0.0068 J	0.059 J	0.29 U	0.063 J	0.3 UJ	0.0087 J	1.1 J ⁱ	0.011 J	0.29 J	0.019 J	0.29 UJ	0.3 UJ
Nitrobenzene	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	2.9 UJ	0.29 UJ	0.29 UJ	0.3 UJ
N-Nitrosodi-n-propylamine	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
N-Nitrosodiphenylamine	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Pentachlorophenol	mg/kg	0.17 U	0.16 U	0.4 U	0.17 U	0.16 UJ	0.17 UJ	0.16 U	1.6 U	0.17 U	0.17 U	0.16 UJ	0.16 UJ	0.17 UJ
Phenanthrene	mg/kg	0.019 J	0.081 J	0.68 J	0.3 UJ	0.053 J	0.3 UJ	0.053 J	0.45 J	0.026 J	0.47	0.0071 J	0.3 UJ	0.3 UJ
Phenol	mg/kg	0.3 U	0.29 U	0.71 U	0.29 U	0.29 UJ	0.3 UJ	0.29 U	2.9 U	0.3 U	0.3 U	0.29 UJ	0.29 UJ	0.3 UJ
Pyrene	mg/kg	0.041 J	0.16 J	1.3 J	0.29 U	0.28 J	0.3 UJ	0.18 J	0.69 J	0.035 J	0.63	0.3 J	0.0099 J	0.3 UJ
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics														
Aluminum	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	0.085 J	3.3 J	18 J ^e	0.075 J	2.4 J	0.039 J	13 J ^e	25 J ^e	0.15 J	0.52 J	0.072 J	0.031 J	0.034 J
Arsenic	mg/kg	3.2	2.3	2.3	2.0	3.0	1.6	2.8	2.7	1.6	5.4	4.7	0.85	1.3
Barium	mg/kg	14	28 J	89 J	15	42	18	60	73	63	27	31	8.2	12
Beryllium	mg/kg	0.13 U	0.16 U	0.16 U	0.16 U	0.15 U	0.15 U	0.16 U	0.17 U	0.18	0.15 U	0.053 J	0.16 U	0.16 U
Cadmium	mg/kg	0.14	0.46 J	3.0 J	0.11	0.79	0.038 J	1.0	1.7	0.21	0.35	0.30	0.074 J	0.052 J
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	10	46	99	55	25	20	96	200	14	8.0	19	4.7	6.2
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	3.3	3.4	4.1	3.5	2.6	3.2	2.6	4.9	7.3 ^{xei}	2.4	4.3	2.6	2.8
Copper	mg/kg	6.5	6.0	7.7	13	10	6.9	12 J	15 J	18 J	5.4 J	10	6.1	6.5
Iron	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	6.4	24	66	3.7	45	3.4	70	41	10	11	14	2.6	3.8
Lead - coarse fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - fine fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - total (calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	150 J	120 J	130 J	140 J	160	91	160	150	360	150	280	99	130
Mercury	mg/kg	0.018 J	0.022 J	0.020 J	0.048 U	0.019 J	0.047 U	0.028 J	0.028 J	0.047 U	0.049 U	0.023 J	0.039 U	0.047 U
Nickel	mg/kg	7.7	7.0	7.1	8.5	7.2	9.1	7.5	7.0	21	5.7	10	6.3	7.6
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.38	0.35 J	0.73 J ^{xi}	0.47 ^{xi}	8.8 ^{xei}	0.29	0.36	0.33	0.57 ^{xi}	0.32	0.41	0.27	0.27
Silver	mg/kg	0.066 U	0.042 J	0.13	0.082 U	0.085 J	0.0046 J	0.092	0.78	0.020 J	0.074 U	0.028 J	0.013 J	0.0083 J
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	0.072 U	0.14	0.091 U	0.10	0.12	0.053 J	0.12	0.10	0.29	0.16	0.16	0.11	0.059 J
Vanadium	mg/kg	11	13	10	14	10	13	9.6	9.7	20	9.2	14	8.4	11
Zinc	mg/kg	20	88	210	22	180	16	190	310	49	29	50	17	15
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ
Aroclor-1221 (PCB-1221)	mg/kg	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ
Aroclor-1232 (PCB-1232)	mg/kg	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ
Aroclor-1242 (PCB-1242)	mg/kg	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ
Aroclor-1248 (PCB-1248)	mg/kg	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ
Aroclor-1254 (PCB-1254)	mg/kg	0.3 U	7.3 U	0.36 U	0.3 U	0.29 UJ	0.29 UJ	0.36 U	0.18 U	0.3 U	0.37 U	0.29 UJ	0.3 UJ	0.3 UJ
Aroclor-1260 (PCB-1260)	mg/kg	0.036 J	46 J ^d	1.2 J	0.3 U	0.34 J	0.29 UJ	1.9	0.51	0.071 J	0.93	0.043 J	0.3 UJ	0.3 UJ
Total PCBs	mg/kg	0.036 J	46 J ^d	1.2 J	0.3 U	0.34 J	0.29 UJ	1.9	0.51	0.071 J	0.93	0.043 J	0.3 UJ	0.3 UJ
General Chemistry														
Carbon	%	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 23 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	SB19-80	SB19-82	SB19-82	SB19-82	SB19-83	SB19-83	SB19-85	SB19-85	SB19-88	SB19-88	SB19-90	SB19-90	SB19-90
Sample Depth:	8-10 ft BGS	0-2 ft BGS	0-2 ft BGS	8-10 ft BGS	0-2 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	5-7 ft BGS	0-2 ft BGS	7-9 ft BGS	0-2 ft BGS	8-10 ft BGS	8-10 ft BGS
Sample ID:	S-17303-120512-EM-023	S-17303-120512-EM-019	S-17303-120512-EM-020	S-17303-120512-EM-021	S-17303-120512-EM-016	S-17303-120512-EM-017	S-17303-120612-EM-042	S-17303-120612-EM-043	S-17303-120612-EM-040	S-17303-120612-EM-041	S-17303-120512-EM-027	S-17303-120512-EM-028	S-17303-120512-EM-029
Sample Date:	12/03/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/06/2012	12/06/2012	12/06/2012	12/06/2012	12/06/2012	12/05/2012	12/05/2012
Sample Type:													
Parameter:			Duplicate										Duplicate
	Units												
N-Hexane extractable material	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

TABLE F.2B

PAOC 23 - INDOOR AIR ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC			PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23					
Sample Location:			Non-Residential		IA-001		IA-001		IA-002		IA-003		IA-004		IA-005		IA-006		IA-007		IA-008	
Sample ID:			Indoor Air Criteria(a)		G-17303-070506-MMD-001		G-17303-070506-MMD-009		G-17303-070506-MMD-002		G-17303-070506-MMD-003		G-17303-070506-MMD-004		G-17303-070506-MMD-005		G-17303-070506-MMD-006		G-17303-070506-MMD-007		G-17303-070506-MMD-008	
Sample Date:					07/06/2006		07/06/2006		07/06/2006		07/06/2006		07/06/2006		07/06/2006		07/06/2006		07/06/2006		07/06/2006	
Sample Type:							Duplicate															
Parameter			Units																			
VOCs																						
cis-1,2-Dichloroethene	ug/m3	5.2E+01	21		20		17		16		11		13		14				0.79 U		0.79 U	
Trichloroethene	ug/m3	5.8E+01	290		280		98		200		77		86		100				1.1 U		1.1 U	
Vinyl chloride	ug/m3	1.1E+01	0.51 U		0.51 U		0.51 U		0.51 U		0.51 U		0.51 U		0.51 U				0.51 U		0.51 U	

Notes:
The Indoor Air samples are compared against the Non Residential Indoor Air criteria listed in the MDEQ Draft Proposed Vapor Intrusion Indoor Air Criteria (2009).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J - The associated value is qualified as an estimated quantity.

PAOC 23 - SOIL GAS ANALYTICAL RESULTS
RCRA INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location: Sample ID:		DEEP 5' Non-Residential	SUB-SLAB Non-Residential	SB19-18 SG-17303-051804-DCR-327	GP19-01S GS-17303-060705-DN-0750	GP19-02S GS-17303-060705-DN-0757	GP19-03S GS-17303-060705-DN-0756	GP19-04S GS-17303-060705-DN-0751	SB19-19 SG-17303-051804-DCR-326	GP19-01D GS-17303-060705-DN-0748	GP19-02D GS-17303-060705-DN-0754	GP19-03D GS-17303-060705-DN-0753	GP19-03D GS-17303-060705-DN-0755	GP19-04D GS-17303-060705-DN-0749	GP19-05S SG-17303-053113-CT-001	GP19-06S SG-17303-053113-CT-002
Sample Date: Sample Type: Parameter		Soil Gas Criteria(a)	Soil Gas Criteria(a)	05/18/2004	06/07/2005	06/07/2005	06/07/2005	06/07/2005	05/18/2004	06/07/2005	06/07/2005	06/07/2005	06/07/2005	06/07/2005	05/31/2013	05/31/2013
Units		b	c													
VOCs																
1,1,1-Trichloroethane	ug/ m3	4.5E+6	3.5E+06	4100 U	1100 U	21 U	2100 U	11000 U	410 U	2200 U	210 U	10000 U	11000 U	11000 U	30 U	30 U
1,1,2,2-Tetrachloroethane	ug/ m3	8.6E+2	3.1E+02	5200 U	1400 U	26 U	2600 U	14000 U	520 U	2700 U	270 U	13000 U	14000 U	14000 U	-	-
1,1,2-Trichloroethane	ug/ m3	3.1E+3	1.1E+03	4100 U	1100 U	21 U	2100 U	11000 U	410 U	2200 U	210 U	10000 U	12000 ^b	11000 U	30 U	30 U
1,1-Dichloroethane	ug/ m3	3.7E+5	2.9E+05	3000 U	810 U	16 U	1500 U	8000 U	300 U	1600 U	160 U	7600 U	8500 U	8400 U	42 U	42 U
1,1-Dichloroethene	ug/ m3	1.5E+5	1.2E+05	12000	2000	53	1500 U	2900 J	1200	4500	680	11000	26000	3500 J	42 U	42 U
1,2,4-Trichlorobenzene	ug/ m3	3.0E+7	2.3E+03	14000 U	3700 U	71 U	7000 U	37000 U	1400 U	7300 U	720 U	35000 U	39000 U	38000 U	41 U	41 U
1,2,4-Trimethylbenzene	ug/ m3	1.6E+5	1.3E+05	3600 U	980 U	19 U	1900 U	9800 U	360 U	1900 U	190 U	9200 U	10000 U	10000 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/ m3	8.3E+1	3.0E+01	5500 U	1500 U	29 U	2900 U	15000 U	550 U	3000 U	300 U	14000 U	16000 U	16000 U	42 U	42 U
1,2-Dichlorobenzene	ug/ m3	2.2E+5	1.8E+05	4400 U	1200 U	23 U	2300 U	12000 U	440 U	2400 U	230 U	11000 U	13000 U	12000 U	61 U	61 U
1,2-Dichloroethane	ug/ m3	1.9E+3	7.0E+02	3000 U	810 U	16 U	1500 U	8000 U	300 U	1600 U	160 U	7600 U	8500 U	8400 U	42 U	42 U
1,2-Dichloropropane	ug/ m3	3.0E+3	2.3E+03	3400 U	920 U	18 U	1700 U	9200 U	340 U	1800 U	180 U	8700 U	9700 U	9500 U	48 U	48 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ug/ m3	-		5200 U	1400 U	27 U	2700 U	14000 U	520 U	2800 U	270 U	13000 U	15000 U	14000 U	-	-
1,3,5-Trimethylbenzene	ug/ m3	1.6E+5	1.3E+05	3600 U	980 U	19 U	1900 U	9800 U	360 U	1900 U	190 U	9200 U	10000 U	10000 U	-	-
1,3-Dichlorobenzene	ug/ m3	2.2E+3	1.8E+03	4400 U	1200 U	23 U	2300 U	12000 U	440 U	2400 U	230 U	11000 U	13000 U	12000 U	59 U	59 U
1,4-Dichlorobenzene	ug/ m3	7.2E+3	2.6E+03	4400 U	1200 U	23 U	2300 U	12000 U	440 U	2400 U	230 U	11000 U	13000 U	12000 U	61 U	61 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/ m3	3.7E+6	2.9E+06	11000 U	2900 U	56 U	5600 U	29000 U	1100 U	5800 U	580 U	28000 U	31000 U	30000 U	160 U	160 U
2-Hexanone	ug/ m3	3.0E+4	1.8E+04	15000 U	4100 U	79 U	7800 U	41000 U	1500 U	8100 U	800 U	38000 U	43000 U	42000 U	240 U	240 U
4-Ethyl toluene	ug/ m3	-		3600 U	980 U	14 J	1900 U	9800 U	360 U	1900 U	190 U	9200 U	10000 U	10000 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/ m3	2.2E+6	1.8E+06	15000 U	4100 U	79 U	7800 U	41000 U	1500 U	8100 U	800 U	38000 U	43000 U	42000 U	42 U	42 U
Acetone	ug/ m3	4.4E+6	3.4E+06	2900 J	2400 U	99	4500 U	24000 U	260 J	4700 U	460 U	22000 U	25000 U	25000 U	130 U	130 U
Benzene	ug/ m3	6.0E+3	2.2E+03	2400 U	290 J	12 U	1200 U	6400 U	240 U	1300 U	120 U	24000 ^b	22000 ^b	6600 U	18 U	18 U
Benzyl chloride	ug/ m3	9.9E+2	3.7E+02	19000 U	5200 U	99 U	9800 U	52000 U	1900 U	10000 U	1000 U	49000 U	54000 U	54000 U	-	-
Bromodichloromethane	ug/ m3	2.8E+3	1.0E+03	4800 U	1300 U	26 U	2500 U	13000 U	480 U	2700 U	260 U	13000 U	14000 U	14000 U	37 U	37 U
Bromoform	ug/ m3	4.5E+4	1.7E+04	2900 U	2100 U	40 U	3900 U	21000 U	290 U	4100 U	400 U	19000 U	22000 U	21000 U	57 U	57 U
Bromomethane (Methyl bromide)	ug/ m3	3.7E+3	2.9E+03	2900 U	780 U	15 U	1500 U	7700 U	290 U	1500 U	150 U	7300 U	8100 U	8000 U	41 U	41 U
Carbon disulfide	ug/ m3	5.2E+5	4.1E+05	11000 U	3100 U	60 U	5900 U	31000 U	1100 U	6200 U	610 U	29000 U	33000 U	32000 U	160 U	160 U
Carbon tetrachloride	ug/ m3	3.3E+3	3.0E+03	4800 U	1300 U	24 U	2400 U	13000 U	480 U	2500 U	250 U	12000 U	13000 U	13000 U	34 U	34 U
Chlorobenzene	ug/ m3	5.2E+4	4.1E+04	3400 U	920 U	18 U	1700 U	9200 U	340 U	1800 U	180 U	8600 U	9600 U	9500 U	25 U	25 U
Chloroethane	ug/ m3	7.4E+6	5.8E+06	4100 U	1000 U	20 U	2000 U	10000 U	410 U	2100 U	210 U	9900 U	11000 U	11000 U	140 U	140 U
Chloroform (Trichloromethane)	ug/ m3	2.1E+4	7.6E+03	3600 U	1100	10 J	1800 U	9700 U	150 J	1900 U	110 J	11000	11000	10000 U	190	99
Chloromethane (Methyl chloride)	ug/ m3	6.7E+4	2.9E+04	3000 U	820 U	16 U	1600 U	8200 U	300 U	1600 U	160 U	7700 U	3100 J	8500 U	100 U	100 U
cis-1,2-Dichloroethene	ug/ m3	2.6E+4	4.1E+03	200000 ^c	20000 ^c	85	1500 U	30000 ^c	10000 ^c	63000 ^b	4200	4100000 ^b	3800000 ^b	78000 ^b	42 U	42 U
cis-1,3-Dichloropropene	ug/ m3	-		3400 U	910 U	17 U	1700 U	9000 U	340 U	1800 U	180 U	8500 U	9500 U	9400 U	50 U	50 U
Dibromochloromethane	ug/ m3	2.0E+3	7.4E+02	6300 U	1700 U	33 U	3200 U	17000 U	630 U	3400 U	330 U	16000 U	18000 U	18000 U	49 U	49 U
Dichlorodifluoromethane (CFC-12)	ug/ m3	3.7E+7	2.9E+07	3700 U	990 U	19 U	1900 U	9800 U	370 U	2000 U	190 U	9300 U	10000 U	10000 U	25 U	25 U
Ethylbenzene	ug/ m3	1.6E+5	5.9E+04	3200 U	870 U	11 J	1600 U	8600 U	320 U	1700 U	170 U	23000	29000	9000 U	24 U	24 U
Hexachlorobutadiene	ug/ m3	2.3E+3	8.3E+02	16000 U	4300 U	82 U	8100 U	42000 U	1600 U	8400 U	830 U	40000 U	45000 U	44000 U	-	-
m&p-Xylenes	ug/ m3	-		3200 U	870 U	38	1600 U	8700 U	320 U	1700 U	170 U	78000	110000	9000 U	-	-
Methylene chloride	ug/ m3	1.1E+5	3.9E+04	2600 U	1100 U	21 U	2100 U	11000 U	260 U	2200 U	210 U	20000	20000	11000 U	180 U	180 U
o-Xylene	ug/ m3	-		3200 U	870 U	9.3 J	1600 U	8700 U	320 U	1700 U	170 U	21000	37000	9000 U	-	-
Styrene	ug/ m3	8.7E+4	3.2E+04	3100 U	850 U	16 U	1600 U	8500 U	310 U	1700 U	170 U	8000 U	8900 U	8800 U	44 U	44 U
Tetrachloroethene	ug/ m3	8.6E+4	2.3E+04	2200 J	720 J	14 J	2600 U	13000 U	520 U	2700 U	260 U	13000 U	14000 U	14000 U	2700	1200
Toluene	ug/ m3	3.7E+6	2.9E+06	2800 U	350 J	17	1400 U	7500 U	280 U	1500 U	87 J	78000	46000	7800 U	21 U	21 U
trans-1,2-Dichloroethene	ug/ m3	5.2E+4	4.1E+04	11000 ^c	4500	68	1500 U	7900 U	1600	5400	1000	15000	15000	8200 U	41 U	41 U
trans-1,3-Dichloropropene	ug/ m3	-		3400 U	910 U	17 U	1700 U	9000 U	340 U	1800 U	180 U	8500 U	9500 U	9400 U	44 U	44 U
Trichloroethene	ug/ m3	2.9E+4	1.2E+03	630000 ^c	780000 ^c	2800	280000 ^c	1400000 ^c	78000 ^c	180000 ^b	37000 ^b	1400000 ^b	1600000 ^b	1100000 ^b	2300 ^c	13000 ^c
Trichlorofluoromethane (CFC-11)	ug/ m3	4.2E+7	3.3E+07	4100 U	1100 U	22 U	2100 U	11000 U	410 U	2200 U	220 U	11000 U	12000 U	12000 U	31 U	31 U
Trifluorotrichloroethane (Freon 113)	ug/ m3	1.4E+7	1.1E+07	5500 U	1500 U	29 U	2900 U	15000 U	550 U	3000 U	300 U	14000 U	16000 U	16000 U	42 U	42 U
Vinyl acetate	ug/ m3	1.5E+5	1.2E+05	13000 U	3500 U	67 U	6700 U	35000 U	1300 U	7000 U	690 U	33000 U	37000 U	36000 U	-	-
Vinyl chloride	ug/ m3	5.6E+3	4.1E+03	1900 U	510 U	9.8 U	970 U	5100 U	190 U	1000 U	100 U	4800 U	30000 ^b	5300 U	130 U	130 U
Xylenes (total)	ug/ m3	7.4E+4		3200 U	870 U	48	1600 U	8700 U	320 U	1700 U	170 U	99000 ^b	150000 ^b	9000 U	94 U	94 U

Notes:
The shallow gas probes (GP19-01S, GP19-02S, GP19-03S, GP19-04S, SB19-18, and SB19-19) are compared against the Sub-Slab Non Residential criteria listed in the MDEQ Draft Proposed Vapor Intrusion Indoor Air Criteria (2009).
The deep gas probes (GP19-01D GP19-02D, GP19-03D, and GP19-04D) are compared against the Deep 5-foot Non Residential criteria listed in the MDEQ Draft Proposed Vapor Intrusion Indoor Air Criteria (2009).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J - The associated value is qualified as an estimated quantity.

PAOC 23 - SOIL GAS ANALYTICAL RESULTS
RCRA INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location: Sample ID:	GP19-07S SG-17303-053113-CT-003	GP19-08S SG-17303-053113-CT-004	GP19-09S SG-17303-053113-CT-005	GP19-09S SG-17303-053113-CT-006	GP19-10S SG-17303-053113-CT-007	GP19-11S SG-17303-053113-CT-008	GP19-12S SG-17303-053113-CT-009	GP19-13 SG-17303-062713-DR-001	GP19-14 SG-17303-062713-DR-002	GP19-15 SG-17303-062713-DR-003	GP19-16 SG-17303-062713-DR-004	GP19-17 SG-17303-062713-DR-005	GP19-18 SG-17303-062713-DR-006
Sample Date: Sample Type: Parameter	05/31/2013	05/31/2013	05/31/2013	05/31/2013 Duplicate	05/31/2013	05/31/2013	05/31/2013	06/27/2013	06/27/2013	06/27/2013	06/27/2013	06/27/2013	06/27/2013
Units													
VOCs													
1,1,1-Trichloroethane	ug/m3	30 U	30 U	30 U	30 U	30 U	25 U	5.2	2.3	2.0 U	2.0 U	6.0	7.0
1,1,2,2-Tetrachloroethane	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	ug/m3	30 U	30 U	30 U	30 U	30 U	25 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethane	ug/m3	42 U	42 U	42 U	42 U	42 U	35 U	1.5 U	1.5 U	4.0	2.3	4.5	1.5 U
1,1-Dichloroethene	ug/m3	42 U	42 U	730	790	42 U	42 U	35 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
1,2,4-Trichlorobenzene	ug/m3	41 U	41 U	41 U	41 U	41 U	34 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
1,2,4-Trimethylbenzene	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	ug/m3	42 U	42 U	42 U	42 U	42 U	35 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
1,2-Dichlorobenzene	ug/m3	61 U	61 U	61 U	61 U	61 U	51 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
1,2-Dichloroethane	ug/m3	42 U	42 U	42 U	42 U	42 U	35 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichloropropane	ug/m3	48 U	48 U	48 U	48 U	48 U	40 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	ug/m3	59 U	59 U	59 U	59 U	59 U	49 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
1,4-Dichlorobenzene	ug/m3	61 U	61 U	61 U	61 U	61 U	51 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/m3	160 U	160 U	160 U	160 U	160 U	130 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U
2-Hexanone	ug/m3	240 U	240 U	240 U	240 U	240 U	200 U	12 U	12 U	12 U	12 U	12 U	12 U
4-Ethyl toluene	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/m3	42 U	42 U	42 U	42 U	42 U	35 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Acetone	ug/m3	130 U	130 U	130 U	130 U	130 U	110 U	33 U	15 U	25 U	16 U	13 U	18 U
Benzene	ug/m3	18 U	18 U	18 U	18 U	18 U	15 U	7.6	6.4	7.5	6.7	7.0	6.7
Benzyl chloride	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/m3	37 U	37 U	37 U	37 U	37 U	31 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromoform	ug/m3	57 U	57 U	57 U	57 U	57 U	47 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U
Bromomethane (Methyl bromide)	ug/m3	41 U	41 U	41 U	41 U	41 U	34 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U
Carbon disulfide	ug/m3	160 U	160 U	160 U	160 U	160 U	140 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U
Carbon tetrachloride	ug/m3	34 U	34 U	34 U	34 U	34 U	28 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Chlorobenzene	ug/m3	25 U	25 U	25 U	25 U	25 U	21 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Chloroethane	ug/m3	140 U	140 U	140 U	140 U	140 U	120 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U
Chloroform (Trichloromethane)	ug/m3	250	35 U	840	870	530 J	44 J	150 J	1.6 U	1.6 U	1.6 U	64	6.4
Chloromethane (Methyl chloride)	ug/m3	100 U	100 U	100 U	100 U	100 U	87 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U	5.2 U
cis-1,2-Dichloroethene	ug/m3	42 U	42 U	3400	3500	690	42 U	35 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
cis-1,3-Dichloropropene	ug/m3	50 U	50 U	50 U	50 U	50 U	42 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Dibromochloromethane	ug/m3	49 U	49 U	49 U	49 U	49 U	41 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U
Dichlorodifluoromethane (CFC-12)	ug/m3	25 U	25 U	25 U	25 U	25 U	21 U	3.2	2.4	2.4	2.4	2.9	2.7
Ethylbenzene	ug/m3	24 U	24 U	24 U	24 U	24 U	20 U	13	13	12	12	13	13
Hexachlorobutadiene	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
m&p-Xylenes	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	ug/m3	180 U	180 U	180 U	180 U	180 U	150 U	9.0 U	9.0 U	9.0 U	9.0 U	9.0 U	9.0 U
o-Xylene	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	ug/m3	44 U	44 U	44 U	44 U	44 U	37 U	18	19	18	15	17	18
Tetrachloroethene	ug/m3	1700	600	1300	1300	1200	64	2800	11	110	8.4	30	130
Toluene	ug/m3	21 U	21 U	21 U	21 U	100	21 U	17 U	60	53	56	57	56
trans-1,2-Dichloroethene	ug/m3	41 U	41 U	1300	1400	180	41 U	34 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
trans-1,3-Dichloropropene	ug/m3	44 U	44 U	44 U	44 U	44 U	36 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Trichloroethene	ug/m3	8900 ^c	4500 ^c	220000 J ^c	240000 J ^c	130000 ^c	11000 ^c	690	2.0 U	9.2	8.1	360	940
Trichlorofluoromethane (CFC-11)	ug/m3	31 U	31 U	31 U	31 U	31 U	26 U	8.2	7.7	8.5	13	8.6	5.8
Trifluorotrichloroethane (Freon 113)	ug/m3	42 U	42 U	42 U	42 U	42 U	35 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Vinyl acetate	ug/m3	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	ug/m3	130 U	130 U	130 U	130 U	130 U	110 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U	6.5 U
Xylenes (total)	ug/m3	94 U	94 U	94 U	94 U	94 U	78 U	77	74	70	70	72	75

Notes:
The shallow gas probes (GP19-01S, GP19-02S, GP19-03S, GP19-04S, SB19-18, and SB19-19) are compared against the Sub-Slab Non Residential criteria listed in the MDEQ Draft Proposed Vapor Intrusion Indoor Air Criteria (2009).
The deep gas probes (GP19-01D GP19-02D, GP19-03D, and GP19-04D) are compared against the Deep 5-feet Non Residential criteria listed in the MDEQ Draft Proposed Vapor Intrusion Indoor Air Criteria (2009).
U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J - The associated value is qualified as an estimated quantity.

APPENDIX F.3

PAOC 24 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation (VSIC) Criteria	Nonresidential Direct Contact Criteria	Nonresidential Protection Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 24 SB24-01 0-3 ft BGS SO-17303-060305-DR-0723 06/03/2005
	Units	x	a	b	c	d	e	f	g	h	i	j	
VOCs													
1,1,1-Trichloroethane	mg/kg	-	31000	15000	4500	460	4	460	29000000	460	1.8	460	0.04 U
1,1,2,2-Tetrachloroethane	mg/kg	-	34	34	34	240	0.7	23	68000	94	1.6	870	0.04 U
1,1,2-Trichloroethane	mg/kg	-	120	57	57	840	0.1	24	250000	420	6.6	920	0.04 U
1,1-Dichloroethane	mg/kg	-	14000	6000	2500	890	50	430	15000000	890	15	890	0.04 U
1,1-Dichloroethene	mg/kg	-	37	15	3.7	570	0.14	0.33	78000	220	2.6	570	0.04 U
1,2,4-Trichlorobenzene	mg/kg	-	34000	34000	34000	1100	4.2	1100	11000000	1100	5.9	1100	0.2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	15	15	15	1.2	0.01	1.2	5900	1.2	ID	1.2	0.086 J ^e
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	9.8	5.8	5.8	0.43	0.02	3.6	18000	0.5	0.11	890	0.2 U
1,2-Dichlorobenzene	mg/kg	-	55000	46000	46000	210	14	210	44000000	210	0.28	210	0.08 U
1,2-Dichloroethane	mg/kg	-	74	33	21	420	0.1	11	150000	380	7.2	1200	0.04 U
1,2-Dichloropropane	mg/kg	-	120	51	30	550	0.1	7.4	120000	320	4.6	550	0.04 U
1,3-Dichlorobenzene	mg/kg	-	110	94	94	170	0.48	48	8800	51	0.68	170	0.08 U
1,4-Dichlorobenzene	mg/kg	-	340	260	260	1900	1.7	100	570000	140	0.36	-	0.08 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	36000	35000	35000	27000	760	27000	29000000	27000	44	27000	0.6 U
2-Hexanone	mg/kg	-	1500	1300	1300	2500	58	1800	1200000	2500	ID	2500	2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	70000	53000	53000	2700	100	2700	60000000	2700	ID	2700	2 U
Acetone	mg/kg	-	200000	160000	160000	73000	42	110000	170000000	110000	34	110000	0.6 U
Benzene	mg/kg	-	230	99	45	400	0.1	8.4	470000	220	4	400	0.04 U
Bromodichloromethane	mg/kg	-	57	31	31	490	1.6	6.4	110000	280	ID	1500	0.08 U
Bromoform	mg/kg	-	3100	3100	3100	870	1.6	770	3600000	870	ID	870	0.08 U
Bromomethane (Methyl bromide)	mg/kg	-	140	57	13	1000	0.58	1.6	150000	1400	0.7	2200	0.16 U
Carbon disulfide	mg/kg	-	19000	8000	1600	280	46	140	21000000	280	ID	280	0.2 U
Carbon tetrachloride	mg/kg	-	79	34	12	390	0.1	0.99	170000	92	0.9	390	0.04 U
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260	0.5	260	0.04 U
Chloroethane	mg/kg	-	280000	120000	36000	950	34	950	290000000	950	22	950	0.2 U
Chloroform (Trichloromethane)	mg/kg	-	790	340	150	1500	1.6	38	1600000	1500	7	1500	0.04 U
Chloromethane (Methyl chloride)	mg/kg	-	2500	1000	120	1100	22	10	2600000	1100	ID	1100	0.2 U
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640	12	640	0.04 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.04 U
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.96 U
Dibromochloromethane	mg/kg	-	98	80	80	500	1.6	21	160000	360	ID	610	0.04 U
Dichlorodifluoromethane (CFC-12)	mg/kg	-	1400000	550000	63000	1000	270	1700	1500000000	1000	ID	1000	0.08 U
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140	0.36	140	0.04 U
Isopropyl benzene	mg/kg	-	3000	2000	2000	390	260	390	2600000	390	3.2	390	0.2 U
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.96 U
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.038 J
Methyl tert butyl ether (MTBE)	mg/kg	-	89000	41000	30000	5900	0.8	5900	88000000	5900	140	5900	0.2 U
Methylene chloride	mg/kg	-	4000	1700	700	2300	0.1	240	8300000	2300	30	2300	0.2 U
Styrene	mg/kg	-	4200	3300	3300	520	2.7	520	6900000	270	2.1	520	0.04 U
Tetrachloroethene	mg/kg	-	3300	1400	600	88	0.1	60	6800000	88	1.2	88	0.04 U
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250	5.4	250	0.08 U
trans-1,2-Dichloroethene	mg/kg	-	2000	840	330	1400	2	43	2100000	1400	30	1400	0.04 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.04 U
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440	4	500	0.04 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	140000000	140000000	110000	560	150	560	1700000000	560		560	0.08 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	2100000	890000	210000	550	550	550	2300000000	550	1.7	550	0.2 U
Vinyl chloride	mg/kg	-	420	170	29	34	0.04	2.8	890000	20	0.26	490	0.032 U
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	0.82	150	0.12 U
SVOCs													

APPENDIX F.3

PAOC 24 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation (VSIC) Criteria	Nonresidential Direct Contact Criteria	Nonresidential Protection Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 24 SB24-01 0-3 ft BGS SO-17303-060305-DR-0723 06/03/2005
	Units	x	a	b	c	d	e	f	g	h	i	j	
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
2,4,5-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	73000	110	NLV	10000000	9100		-	0.26 U
2,4,6-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200	0.33	-	0.26 U
2,4-Dichlorophenol	mg/kg	-	NLV	NLV	NLV	1800	4.2	NLV	2300000	960	0.33	1800	0.26 U
2,4-Dimethylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2100000	10000	7.6	-	0.26 U
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.15 U
2,4-Dinitrotoluene	mg/kg	-	NLV	NLV	NLV	220	0.64	NLV	20000	170		-	0.26 U
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
2-Chloronaphthalene	mg/kg	-	ID	ID	ID	180000	1800	ID	ID	2300		-	0.26 U
2-Chlorophenol	mg/kg	-	1100	1100	1100	4500	2.6	800	530000	1900	0.36	19000	0.26 U
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500	4.2	-	0.26 U
2-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	0.26 U
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.2 U
2-Nitrophenol	mg/kg	-	NLV	NLV	NLV	2000	1.2	NLV	ID	1600	ID	-	0.26 U
3,3'-Dichlorobenzidine	mg/kg	-	NLV	NLV	NLV	30	2	NLV	8200	4.6	2	-	1.6 U
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.2 U
4,6-Dinitro-2-methylphenol	mg/kg	-	NLV	NLV	NLV	260	0.83	NLV	ID	190		-	0.15 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
4-Chloro-3-methylphenol	mg/kg	-	NLV	NLV	NLV	15000	16	NLV	ID	3000	0.28	-	0.26 U
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.15 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	0.26 U
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.2 U
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.33 U
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970	8.7	-	0.26 U
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440	ID	-	0.26 U
Acetophenone	mg/kg	-	52000	52000	52000	1100	88	1100	14000000	1100	ID	1100	0.26 U
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41	-	29000000	41	ID	-	0.018 J
Atrazine	mg/kg	-	NLV	NLV	NLV	330	0.06	NLV	ID	110	0.15	-	0.04 U
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	0.048 J
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL	NLL	-	0.052 J
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL	NLL	-	0.062 J
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL	NLL	-	0.03 J
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL	NLL	-	0.028 J
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.26 U
bis(2-Chloroethyl)ether	mg/kg	-	13	13	13	58	0.17	44	12000	110	0.1	2200	0.08 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	NLV	NLV	NLV	10000	NLL	NLV	890000	NLL	NLL	10000	0.03 J
Butyl benzylphthalate (BBP)	mg/kg	-	NLV	NLV	NLV	310	310	NLV	21000000	310	120	310	0.26 U
Caprolactam	mg/kg	-	NLV	NLV	NLV	310000	340	NLV	290000	-		-	0.26 U
Carbazole	mg/kg	-	NLV	NLV	NLV	2400	39	NLV	78000	820	1.1	-	0.26 U
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL	NLL	-	0.055 J
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL	NLL	-	0.26 U
Dibenzofuran	mg/kg	-	160	160	160	ID	ID	3600	2900	ID	1.7	-	0.26 U
Diethyl phthalate	mg/kg	-	NLV	NLV	NLV	740	320	NLV	1500000	740	2.2	740	0.26 U
Dimethyl phthalate	mg/kg	-	NLV	NLV	NLV	790	790	NLV	1500000	790		790	0.26 U
Di-n-butylphthalate (DBP)	mg/kg	-	NLV	NLV	NLV	760	760	NLV	1500000	760	11	760	0.26 U
Di-n-octyl phthalate (DnOP)	mg/kg	-	NLV	NLV	NLV	20000	140000	NLV	14000000	140000		140000	0.26 U
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730	-	4100000	730	5.5	-	0.12 J
Fluorene	mg/kg	-	150000	150000	150000	87000	890	-	4100000	890	5.3	-	0.014 J
Hexachlorobenzene	mg/kg	-	56	56	56	37	1.8	220	8500	8.2	0.35	-	0.26 U
Hexachlorobutadiene	mg/kg	-	460	460	460	350	72	350	180000	350	0.091	350	0.04 U
Hexachlorocyclopentadiene	mg/kg	-	60	60	60	720	320	56	5900	720	ID	720	0.26 U

APPENDIX F.3

PAOC 24 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC													PAOC 24
Sample Location:		Statewide Default	Nonresidential	Nonresidential	Nonresidential	Nonresidential	Nonresidential	Nonresidential	Groundwater	Groundwater	Soil Saturation		SB24-01
Sample Depth:		Background Levels	Finite VSIC for 2 Meter	Finite VSIC for 5 Meter	Infinite Source Volatile	Direct Contact Criteria	Protection	Soil Volatilization to	Contact Protection	Surface Water	Screening Levels		0-3 ft BGS
Sample ID:			Source Thickness	Source Thickness	Soil Inhalation (VSIC)		Criteria	Indoor Air Inhalation	Criteria	Interface Protection			SO-17303-060305-DR-0723
Sample Date:													06/03/2005
Sample Type:													
Parameter:	Units	x	a	b	c	d	e	f	g	h	i	j	
Hexachloroethane	mg/kg	-	1400	1400	660	730	1.2	79	100000	110	1.8	-	0.26 U
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	0.027 J
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400	26	2400	0.26 U
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	0.26 U
Nitrobenzene	mg/kg	-	64	64	64	340	0.33	170	21000	220	3.6	490	0.26 U
N-Nitrosodi-n-propylamine	mg/kg	-	NLV	NLV	NLV	5.4	0.33	NLV	2000	7.2		1500	0.26 U
N-Nitrosodiphenylamine	mg/kg	-	NLV	NLV	NLV	7800	22	NLV	2800000	700		-	0.26 U
Pentachlorophenol	mg/kg	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3	26.5	-	0.15 U
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100	2.1	-	0.091 J
Phenol	mg/kg	-	NLV	NLV	NLV	12000	260	NLV	18000000	12000	9	12000	0.26 U
Pyrene	mg/kg	-	780000	780000	780000	84000	480	-	2900000	480	ID	-	0.099 J

PAOC 24 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation (VSIC) Criteria	Nonresidential Direct Contact Criteria	Nonresidential Protection Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 24 SB24-01 0-3 ft BGS SO-17303-060305-DR-0723 06/03/2005
	Units	x	a	b	c	d	e	f	g	h	i	j	
Inorganics													
Antimony	mg/kg	-	NLV	NLV	NLV	670	4.3	NLV	5900	49000	94	-	0.048 J
Arsenic	mg/kg	5.8	NLV	NLV	NLV	37	4.6	NLV	910	2000	4.6	-	2.6
Barium	mg/kg	75	NLV	NLV	NLV	130000	1300	NLV	150000	-	1250	-	36.7
Beryllium	mg/kg	-	NLV	NLV	NLV	1600	51	NLV	590	-	948	-	0.080 J
Cadmium	mg/kg	1.2	NLV	NLV	NLV	2100	6	NLV	2200	230000	7.32	-	0.19
Chromium	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X		53.7
Cobalt	mg/kg	6.8	NLV	NLV	NLV	9000	2	NLV	5900	48000	2	-	5.6
Copper	mg/kg	32	NLV	NLV	NLV	73000	5800	NLV	59000	-	167	-	9.6
Lead - coarse fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	31.9
Lead - fine fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	60.0
Lead - total (calculated by fine/coarse fraction)	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	38.5
Manganese	mg/kg	440	NLV	NLV	NLV	90000	1	NLV	1500	180000	128	-	239
Mercury	mg/kg	0.13	62	62	62	580	1.7	89	8800	47	0.05	-	0.043
Nickel	mg/kg	20	NLV	NLV	NLV	150000	100	NLV	16000	-	166	-	10.3
Selenium	mg/kg	0.41	NLV	NLV	NLV	9600	4	NLV	59000	78000	0.4	-	0.094 J
Silver	mg/kg	1	NLV	NLV	NLV	9000	13	NLV	2900	200000	0.1	-	0.038 J
Thallium	mg/kg	-	NLV	NLV	NLV	130	2.3	NLV	5900	15000	4.2	-	0.080
Vanadium	mg/kg	-	NLV	NLV	NLV	5500	990	NLV	ID	-	190	-	15.4
Zinc	mg/kg	-	NLV	NLV	NLV	630000	5000	NLV	ID	-	377	-	41.2
PCBs													
Aroclor-1016 (PCB-1016)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.26 U
Aroclor-1221 (PCB-1221)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.26 U
Aroclor-1232 (PCB-1232)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.26 U
Aroclor-1242 (PCB-1242)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.26 U
Aroclor-1248 (PCB-1248)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.26 U
Aroclor-1254 (PCB-1254)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.26 U
Aroclor-1260 (PCB-1260)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.049 J
Total PCBs	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	0.049 J
General Chemistry													
Total solids	%												98.6 / 92.8 / 98.4

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.3

PAOC 24 - SOIL ANALYTICAL RESULTS

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC		PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24
Sample Location:		SB24-01	SB24-01	SB24-01	SB24-01	SB24-02	SB24-02	SB24-02	SB24-02
Sample Depth:		3-6 ft BGS	6-9 ft BGS	9-11 ft BGS	9-11 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-11 ft BGS
Sample ID:		SO-17303-060305-DR-0724	SO-17303-060305-DR-0725	SO-17303-060305-DR-0726	SO-17303-060305-DR-0727	SO-17303-060305-DR-0728	SO-17303-060305-DR-0729	SO-17303-060305-DR-0730	SO-17303-060305-DR-0731
Sample Date:		06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005
Sample Type:					Duplicate				
Parameter:	Units								
VOCs									
1,1,1-Trichloroethane	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,1,2,2-Tetrachloroethane	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,1,2-Trichloroethane	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,1-Dichloroethane	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,1-Dichloroethene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.014 J	0.04 U	0.04 U	0.04 U
1,2,4-Trichlorobenzene	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
1,2-Dichloroethane	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,2-Dichloropropane	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,3-Dichlorobenzene	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
1,4-Dichlorobenzene	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.6 U	0.6 U	160 U	120 U	0.73 U	0.6 U	0.6 U	0.6 U
2-Hexanone	mg/kg	2 U	2 U	520 U	390 U	2.4 U	2 U	2 U	2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2 U	2 U	520 U	390 U	2.4 U	2 U	2 U	2 U
Acetone	mg/kg	0.6 U	0.6 U	160 U	120 U	0.73 U	0.6 U	0.6 U	0.6 U
Benzene	mg/kg	0.0086 J	0.021 J	8.4 J ^{ei}	8 ^{ei}	0.049 U	0.04 U	0.04 U	0.04 U
Bromodichloromethane	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Bromoform	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Bromomethane (Methyl bromide)	mg/kg	0.16 U	0.16 U	42 U	31 U	0.2 U	0.16 U	0.16 U	0.16 U
Carbon disulfide	mg/kg	0.022 J	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Carbon tetrachloride	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Chlorobenzene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Chloroethane	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Chloroform (Trichloromethane)	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Chloromethane (Methyl chloride)	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
cis-1,3-Dichloropropene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Cyclohexane	mg/kg	0.043 J	0.06 J	20 J	18 J	1.2 U	0.96 U	0.96 U	0.96 U
Dibromochloromethane	mg/kg	0.04 U	0.04 UJ	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Ethylbenzene	mg/kg	0.12	0.87 J ⁱ	240 ^{defhij}	250 ^{defhij}	0.049 U	0.04 U	0.36	0.88 ⁱ
Isopropyl benzene	mg/kg	0.055 J	0.11 J	22 J ⁱ	26 J ⁱ	0.24 U	0.2 U	0.23	0.33
Methyl acetate	mg/kg	0.081 J	0.96 U	250 U	190 U	1.2 U	0.96 U	0.96 U	0.96 U
Methyl cyclohexane	mg/kg	0.18 J	0.36 J	160 J	120 J	0.034 J	0.96 U	0.3 J	0.75 J
Methyl tert butyl ether (MTBE)	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Methylene chloride	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Styrene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Tetrachloroethene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Toluene	mg/kg	0.08 U	0.08 U	21 U	2 J	0.098 U	0.08 U	0.08 U	0.08 U
trans-1,2-Dichloroethene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
trans-1,3-Dichloropropene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Trichloroethene	mg/kg	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Vinyl chloride	mg/kg	0.032 U	0.032 U	8.3 U	6.2 U	0.039 U	0.032 U	0.032 U	0.032 U
Xylenes (total)	mg/kg	0.03 J	0.15	700 ^{defhij}	730 ^{defhij}	0.15 U	0.12 U	0.12 U	0.12 U
SVOCs									

PAOC 24 - SOIL ANALYTICAL RESULTS RCRA FIELD INVESTIGATION COMPANY VEHICLE OPERATIONS AREA YPSILANTI, MICHIGAN									
PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 24 SB24-01 3-6 ft BGS SO-17303-060305-DR-0724 06/03/2005	PAOC 24 SB24-01 6-9 ft BGS SO-17303-060305-DR-0725 06/03/2005	PAOC 24 SB24-01 9-11 ft BGS SO-17303-060305-DR-0726 06/03/2005	PAOC 24 SB24-01 9-11 ft BGS SO-17303-060305-DR-0727 06/03/2005 Duplicate	PAOC 24 SB24-02 0-3 ft BGS SO-17303-060305-DR-0728 06/03/2005	PAOC 24 SB24-02 3-6 ft BGS SO-17303-060305-DR-0729 06/03/2005	PAOC 24 SB24-02 6-9 ft BGS SO-17303-060305-DR-0730 06/03/2005	PAOC 24 SB24-02 9-11 ft BGS SO-17303-060305-DR-0731 06/03/2005
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2,4,5-Trichlorophenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2,4,6-Trichlorophenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2,4-Dichlorophenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2,4-Dimethylphenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2,4-Dinitrophenol	mg/kg	0.15 U	0.15 U	0.3 U	1 U	0.15 U	0.15 U	1.5 U	6 U
2,4-Dinitrotoluene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2,6-Dinitrotoluene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2-Chloronaphthalene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2-Chlorophenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2-Methylnaphthalene	mg/kg	0.26 U	0.017 J	1	4	0.02 J	0.26 U	2.6 U	24 ⁱ
2-Methylphenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2-Nitroaniline	mg/kg	0.2 U	0.2 U	0.4 U	1.3 U	0.2 U	0.2 U	2 U	8 U
2-Nitrophenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 UJ	2.6 UJ	11 UJ
3,3'-Dichlorobenzidine	mg/kg	1.6 U	1.6 U	3.2 U	11 U	1.6 U	1.6 U	16 U	64 U
3-Nitroaniline	mg/kg	0.2 U	0.2 U	0.4 U	1.3 U	0.2 U	0.2 U	2 U	8 U
4,6-Dinitro-2-methylphenol	mg/kg	0.15 U	0.15 U	0.3 U	1 U	0.15 U	0.15 U	1.5 U	6 U
4-Bromophenyl phenyl ether	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
4-Chloro-3-methylphenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
4-Chloroaniline	mg/kg	0.15 U	0.15 U	0.3 U	1 U	0.15 U	0.15 U	1.5 U	6 U
4-Chlorophenyl phenyl ether	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
4-Methylphenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
4-Nitroaniline	mg/kg	0.2 U	0.2 U	0.4 U	1.3 U	0.2 U	0.2 U	2 U	8 U
4-Nitrophenol	mg/kg	0.33 U	0.33 U	0.66 U	2.2 U	0.33 U	0.33 U	3.3 U	13 U
Acenaphthene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Acenaphthylene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Acetophenone	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Anthracene	mg/kg	0.022 J	0.071 J	0.044 J	0.17 J	0.26 U	0.016 J	2.6 U	11 U
Atrazine	mg/kg	0.04 U	0.04 U	0.08 U	0.27 U	0.04 U	0.04 U	0.4 U	1.6 U
Benzaldehyde	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Benzo(a)anthracene	mg/kg	0.068 J	0.17 J	0.073 J	0.16 J	0.021 J	0.099 J	2.6 U	11 U
Benzo(a)pyrene	mg/kg	0.069 J	0.15 J	0.097 J	0.13 J	0.035 J	0.092 J	2.6 U	11 U
Benzo(b)fluoranthene	mg/kg	0.083 J	0.18 J	0.11 J	0.18 J	0.045 J	0.11 J	2.6 U	11 U
Benzo(g,h,i)perylene	mg/kg	0.044 J	0.076 J	0.058 J	1.8 U	0.036 J	0.055 J	2.6 U	11 U
Benzo(k)fluoranthene	mg/kg	0.045 J	0.07 J	0.05 J	1.8 U	0.017 J	0.054 J	2.6 U	11 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.26 U	0.26 U	0.078 J	0.29 J	0.26 U	0.26 U	2.6 U	1.4 J
bis(2-Chloroethoxy)methane	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
bis(2-Chloroethyl)ether	mg/kg	0.08 U	0.08 U	0.16 U	0.53 U	0.08 U	0.08 U	0.8 U	3.2 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.26 U	0.042 J	0.092 J	0.13 J	0.26 U	0.26 U	2.6 U	11 U
Butyl benzylphthalate (BBP)	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Caprolactam	mg/kg	0.03 J	0.033 J	0.53 U	1.8 U	0.036 J	0.26 U	2.6 U	11 U
Carbazole	mg/kg	0.26 U	0.048 J	0.036 J	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Chrysene	mg/kg	0.078 J	0.17 J	0.089 J	0.2 J	0.029 J	0.1 J	2.6 U	11 U
Dibenz(a,h)anthracene	mg/kg	0.26 U	0.032 J	0.044 J	1.8 U	0.26 U	0.028 J	2.6 U	11 U
Dibenzofuran	mg/kg	0.26 U	0.022 J	0.034 J	0.21 J	0.26 U	0.26 U	2.6 U	1.1 J
Diethyl phthalate	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Dimethyl phthalate	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Di-n-butylphthalate (DBP)	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Di-n-octyl phthalate (DnOP)	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Fluoranthene	mg/kg	0.16 J	0.44 J	0.28 J	0.79 J	0.041 J	0.17 J	2.6 U	11 U
Fluorene	mg/kg	0.26 U	0.052 J	0.076 J	0.33 J	0.26 U	0.26 U	2.6 U	11 U
Hexachlorobenzene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Hexachlorobutadiene	mg/kg	0.04 U	0.04 U	0.08 U	0.27 U	0.04 U	0.04 U	0.4 U	1.6 U
Hexachlorocyclopentadiene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U

PAOC 24 - SOIL ANALYTICAL RESULTS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24	PAOC 24
Sample Location:		SB24-01	SB24-01	SB24-01	SB24-01	SB24-02	SB24-02	SB24-02	SB24-02
Sample Depth:		3-6 ft BGS	6-9 ft BGS	9-11 ft BGS	9-11 ft BGS	0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	9-11 ft BGS
Sample ID:		SO-17303-060305-DR-0724	SO-17303-060305-DR-0725	SO-17303-060305-DR-0726	SO-17303-060305-DR-0727	SO-17303-060305-DR-0728	SO-17303-060305-DR-0729	SO-17303-060305-DR-0730	SO-17303-060305-DR-0731
Sample Date:		06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005	06/03/2005
Sample Type:					Duplicate				
Parameter:		Units							
Hexachloroethane	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.038 J	0.067 J	0.056 J	1.8 U	0.026 J	0.047 J	2.6 U	11 U
Isophorone	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Naphthalene	mg/kg	0.26 U	0.04 J	2 ⁱ	9.3 ⁱ	0.26 U	0.26 U	2.6 U	4.4 J ⁱ
Nitrobenzene	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
N-Nitrosodi-n-propylamine	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
N-Nitrosodiphenylamine	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Pentachlorophenol	mg/kg	0.15 U	0.15 U	0.3 U	1 U	0.15 U	0.15 U	1.5 U	6 U
Phenanthrene	mg/kg	0.088 J	0.34 J	0.21 J	1.1 J	0.019 J	0.049 J	0.63 J	4.4 J ⁱ
Phenol	mg/kg	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Pyrene	mg/kg	0.12 J	0.32	0.14 J	0.42 J	0.038 J	0.14 J	2.6 U	11 U

PAOC 24 - SOIL ANALYTICAL RESULTS RCRA FIELD INVESTIGATION COMPANY VEHICLE OPERATIONS AREA YPSILANTI, MICHIGAN									
PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 24 SB24-01 3-6 ft BGS SO-17303-060305-DR-0724 06/03/2005	PAOC 24 SB24-01 6-9 ft BGS SO-17303-060305-DR-0725 06/03/2005	PAOC 24 SB24-01 9-11 ft BGS SO-17303-060305-DR-0726 06/03/2005	PAOC 24 SB24-01 9-11 ft BGS SO-17303-060305-DR-0727 06/03/2005 Duplicate	PAOC 24 SB24-02 0-3 ft BGS SO-17303-060305-DR-0728 06/03/2005	PAOC 24 SB24-02 3-6 ft BGS SO-17303-060305-DR-0729 06/03/2005	PAOC 24 SB24-02 6-9 ft BGS SO-17303-060305-DR-0730 06/03/2005	PAOC 24 SB24-02 9-11 ft BGS SO-17303-060305-DR-0731 06/03/2005
Inorganics	Units								
Antimony	mg/kg	0.087 J	0.046 J	0.49 J	0.42 J	0.084 J	0.084 J	0.033 J	0.042 J
Arsenic	mg/kg	2.8	2.5	3.6	2.6	2.5	2.2	1.4	2.4
Barium	mg/kg	33.2	34.6	73.7	2390 ^{sei}	21.5	15.1	17.8	19.7
Beryllium	mg/kg	0.13 J	0.24	0.13 J	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Cadmium	mg/kg	0.20	0.16	0.92	6.8 ^{se}	0.11	0.12	0.045 J	0.11
Chromium	mg/kg	23.6	9.0	17.8	53.7	8.7	7.2	6.7	8.1
Cobalt	mg/kg	3.4	3.2	7.3 ^{sei}	2.9	2.9	2.6	2.2	2.7
Copper	mg/kg	9.8	8.4	16.4	9.7	9.1	7.7	5.3	8.9
Lead - coarse fraction	mg/kg	14.5	12.2	88.6	44.4	22.3	7.3	11.9	11.4
Lead - fine fraction	mg/kg	17.7	37.2	81.6	101	19.6	8.9	17.9	13.6
Lead - total (calculated by fine/coarse fraction)	mg/kg	15.5	18.7	87.1	62.9	21.8	7.3	13.7	12.2
Manganese	mg/kg	254	308	184	164	173	152	142	129
Mercury	mg/kg	0.041	0.018 J	0.031 J	0.017 J	0.040 U	0.040 U	0.0056 J	0.0087 J
Nickel	mg/kg	7.6	7.7	16.6	8.1	7.0	7.4	5.7	7.0
Selenium	mg/kg	0.12 J	0.15 J	0.79 ^{si}	2.6 ^{si}	0.096 J	0.16 U	0.085 J	0.10 J
Silver	mg/kg	0.042 J	0.044 J	0.062 J	0.036 J	0.030 J	0.029 J	0.021 J	0.026 J
Thallium	mg/kg	0.094	0.090	0.11	0.060 J	0.055 J	0.051 J	0.040 J	0.051 J
Vanadium	mg/kg	11.3	10.7	18.4	9.7	11.5	9.1	9.1	9.6
Zinc	mg/kg	39.2	25.3	92.0	194	25.4	17.2	14.5	17.1
PCBs									
Aroclor-1016 (PCB-1016)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1221 (PCB-1221)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1232 (PCB-1232)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1242 (PCB-1242)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1248 (PCB-1248)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1254 (PCB-1254)	mg/kg	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1260 (PCB-1260)	mg/kg	0.069 J	0.023 J	0.051 J	0.077 J	0.2 J	0.037 J	0.03 J	0.058 J
Total PCBs	mg/kg	0.069 J	0.26 U	0.051 J	0.077 J	0.2 J	0.037 J	0.26 U	0.058 J
General Chemistry									
Total solids	%	90.3 / 98.6 / 98.3	98.7 / 98.3 / 86.5	98.8 / 86.5 / 98.2	98.5 / 98.5 / 87.8	98.8 / 99.1 / 92.6	99.2 / 87.8 / 99.2	98.6 / 90.9 / 98.6	91.4 / 98.7 / 99.1
Notes: The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended). The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels - The analyte was not analyzed ft BGS - feet below ground surface ID - Insufficient data to develop criterion J - The associated value is an estimated concentration NLL - Hazardous substance is not likely to leach under most soil conditions. NLV - Hazardous substance is not likely to volatilize under most conditions R - Rejected value VSIC - Volatile Soil Inhalation Criteria									

APPENDIX F.4A

PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC) & RBSLs	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	il Saturation Concentratic Screening Levels	PAOC 29 SB-2-30 0-2 ft BGS SB-2-30S0E2 09/16/1996	PAOC 29 SB-2-30 2-4 ft BGS SB-2-30S2E4 09/16/1996	PAOC 29 SB-2-31 2-4 ft BGS SB-2-31S2E4 09/16/1996	PAOC 29 SB-2-31 4-6 ft BGS SB-2-31S4E6 09/16/1996	PAOC 29 SB-2-31 0.17-0.67 ft BGS SB-2-31S0E1 12/16/1996
Units	x	a	b	c	d	e	f	g	h	i	j						
VOCs																	
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260	0.5	260	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640	12	640	-	-	-	-	-
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140	0.36	140	-	-	-	-	-
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250	5.4	250	-	-	-	-	-
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440	4	500	-	-	-	-	-
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	0.82	150	-	-	-	-	-
SVOCs																	
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500	4.2	-	-	-	-	-	-
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970	8.7	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440	ID	-	-	-	-	-	-
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41		29000000	41	ID	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL	NLL	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL	NLL	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL	NLL	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL	NLL	-	-	-	-	-	-
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL	NLL	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL	NLL	-	-	-	-	-	-
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730		4100000	730	5.5	-	-	-	-	-	-
Fluorene	mg/kg	-	150000	150000	150000	87000	890		4100000	890	5.3	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	-	-	-	-	-
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400	26	2400	-	-	-	-	-
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	-	-	-	-	-
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100	2.1	-	-	-	-	-	-
Pyrene	mg/kg	-	780000	780000	780000	84000	480		2900000	480	ID	-	-	-	-	-	-
Inorganics																	
Lead	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	13	2300 ^{de}	220	96000 ^{desi}	5
Cyanide (total)	mg/kg	-	NLV	NLV	NLV	250	4	NLV	250	250	0.1	-	-	-	-	-	-

Notes:

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R - Rejected value

U - Not present at or above the associated value

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VSIC - Volatile Soil Inhalation Criteria

PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		SB-2-32	SB-2-32	SB-2-32	SB-2-32	SB-2-33	SB-2-33	SB-2-33	SB-2-33	SB-2-34	SB-2-34	SB-2-34	SB-2-34	SB-2-34	SB-2-34	SB-2-34	SB-18-1	SB-18-1	SB-18-1	SB-18-1	SB-18-1	SB-18-1	SB-18-1	SB-18-1	SB-18-1	SB-18-2
Sample Depth:		4-6 ft BGS	6-8 ft BGS	0.17-0.67 ft BGS	0.67-2.2 ft BGS	6-8 ft BGS	8-10 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	8-10 ft BGS	2.2-4.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	0.67-2.2 ft BGS	0.17-0.67 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	10-12 ft BGS	12-13 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS
Sample ID:		SB-2-32S4E6	SB-2-32S6E8	SB-2-32S0E1	SB-2-32S1E2	SB-2-33S6E8	SB-2-33S8E10	SB-2-33S1E2	SB-2-33S2E4	SB-2-33S0E1	SB-2-34S8E10	SB-2-31S2E4	SB-2-34S2E4	SB-2-34S4E6	SB-2-34S1E2	SB-2-34S0E1	SB-18-1S0E1	SB-18-1S0E1	SB-18-1S10E12	SB-18-1S12E13	SB-18-1S1E2	SB-18-1S2E4	SB-18-1S4E6	SB-18-1S6E8	SB-18-1S8E10	SB-18-2S4E6
Sample Date:		09/16/1996	09/16/1996	12/16/1996	12/16/1996	09/16/1996	09/16/1996	12/16/1996	12/16/1996	12/17/1996	09/16/1996	12/01/1996	12/16/1996	12/16/1996	12/18/1996	12/24/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996
Sample Type:																										
Parameter:	Units																									
VOCs																										
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	3.3 ^{ei}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	24 ^{ei}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	17 ^{ei}	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	0.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																										
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	4.4
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	4.7 ⁱ
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	-	-	-	-	-	-	-	-	0.84
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.33 U
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	0.55
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	1.1
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	1.1
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	1.8
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-	-	1.4
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.33 U
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	1.2
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	0.33 U
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.6	-	-	-	-	-	-	-	-	2.2
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34	-	-	-	-	-	-	-	-	1
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	1.6
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	1.1 ⁱ
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8 ⁱ	-	-	-	-	-	-	-	-	2.1
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-	-	-	-	-	-	-	2.1
Inorganics																										
Lead	mg/kg	940 ^{de}	11000 ^{del}	450	740 ^e	1800 ^{de}	31000 ^{del}	110	77	140	120	-	4	8	160	6	-	870 ^e	300	810 ^e	2900 ^{de}	820 ^e	1800 ^{de}	4	3000 ^{de}	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
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PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		SB-18-2	SB-18-2	SB-18-2	SB-18-2	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-3	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-4	SB-18-5	SB-18-5
Sample Depth:		0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	0-0.5 ft BGS	10-11 ft BGS	4-6 ft BGS	10-11 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	0-0.5 ft BGS	10-11 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	0.67-2.2 ft BGS	0.67-2.2 ft BGS
Sample ID:		SB-18-2S0E1	SB-18-2S1E2	SB-18-2S2E4	SB-18-2S4E6	SB-18-3S0E1	SB-18-3S10E11	SB-18-3S4E6	SB-18-3S10E11	SB-18-3S0E1	SB-18-3S1E2	SB-18-3S2E4	SB-18-3S4E6	SB-18-3S6E8	SB-18-3S8E10	SB-18-4S0E1	SB-18-4S0E1	SB-18-4S10E11	SB-18-4S1E2	SB-18-4S2E4	SB-18-4S4E6	SB-18-4S6E8	SB-18-4S8E10	SB-18-5S2E4	SB-18-5S0E1	SB-18-5S1E2	
Sample Date:		12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/01/1996	12/01/1996	12/01/1996	12/11/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/12/1996	12/12/1996	
Sample Type:																											
Parameter:	Units																										
VOCs																											
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																											
1-Methylnaphthalene	mg/kg	-	-	-	-	0.33 U	17	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	9	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	0.33 U	17 [†]	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	8.8 U	-	-
Acenaphthene	mg/kg	-	-	-	-	0.33 U	3.3 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	40 [†]	-	-
Acenaphthylene	mg/kg	-	-	-	-	0.33 U	3.7	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	8.8 U	-	-
Anthracene	mg/kg	-	-	-	-	0.33 U	3.3 U	0.9	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	48 th	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	0.6	3.3 U	1.7	-	-	-	-	-	-	-	0.72	-	-	-	-	-	-	-	-	220 ^d	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	0.46	3.3 U	2.8	-	-	-	-	-	-	-	0.52	-	-	-	-	-	-	-	-	92 ^d	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	0.87	3.3 U	2.2	-	-	-	-	-	-	-	0.64	-	-	-	-	-	-	-	-	150 ^d	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	0.47	3.3 U	2.2	-	-	-	-	-	-	-	0.51	-	-	-	-	-	-	-	-	45	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	0.33 U	3.3 U	1.8	-	-	-	-	-	-	-	0.82	-	-	-	-	-	-	-	-	150	-	-
Chrysene	mg/kg	-	-	-	-	0.74	3.3 U	2.1	-	-	-	-	-	-	-	0.84	-	-	-	-	-	-	-	-	220	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	0.33 U	3.3 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	14 ^d	-	-
Fluoranthene	mg/kg	-	-	-	-	1.4	4.7	4	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-	-	280 ⁱ	-	-
Fluorene	mg/kg	-	-	-	-	0.33 U	3.3 U	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	34 ⁱ	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	0.64	3.3 U	3.1	-	-	-	-	-	-	-	0.52	-	-	-	-	-	-	-	-	63	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	0.33 U	4.8 ⁱ	0.33 U	-	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	27 ⁱ	-	-
Phenanthrene	mg/kg	-	-	-	-	0.63	6.7 ⁱ	2.3 ⁱ	-	-	-	-	-	-	-	0.77	-	-	-	-	-	-	-	-	280 ^{beei}	-	-
Pyrene	mg/kg	-	-	-	-	1.1	6.3	3.9	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	210	-	-
Inorganics																											
Lead	mg/kg	5300 ^{de}	7300 ^{de}	670	1400 ^{de}	-	-	-	3200 ^{de}	190	680	2200 ^{de}	240	450	1600 ^{de}	-	65	79	2000 ^{de}	1800 ^{de}	2000 ^{de}	1700 ^{de}	710 ^e	-	97	710 ^e	-
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 29 SB-18-5	PAOC 29 SB-18-5	PAOC 29 SB-18-5	PAOC 29 SB-18-5	PAOC 29 SB-18-6	PAOC 29 SB-18-6	PAOC 29 SB-18-6	PAOC 29 SB-18-6	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-7	PAOC 29 SB-18-8	PAOC 29 SB-18-8	PAOC 29 SB-18-8	PAOC 29 SB-18-8	PAOC 29 SB-18-8	PAOC 29 SB-18-8	PAOC 29 SB-18-8		
Sample Location:		2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	4-6 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	0-0.5 ft BGS	4-6 ft BGS	8-0.84 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0.17-0.67 ft BGS	0.17-0.67 ft BGS	10.2-12.2 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	
Sample ID:		SB-18-5S2E4	SB-18-5S4E6	SB-18-5S6E8	SB-18-5S8E10	SB-18-6S4E6	SB-18-6S0E1	SB-18-6S1E2	SB-18-6S2E4	SB-18-6S4E6	SB-18-7S0E1	SB-18-7S4E6	SB-18-7S8E1	SB-18-7S0E1	SB-18-7S1E2	SB-18-7S2E4	SB-18-7S4E6	SB-18-7S6E8	SB-18-7S8E10	SB-18-8S0E1	SB-18-8S0E1	SB-18-8S10E12	SB-18-8S1E2	SB-18-8S2E4	SB-18-8S4E6	SB-18-8S6E8	
Sample Date:		12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/01/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/01/1996	12/01/1996	12/01/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	
Sample Type:																											
Parameter:	Units																										
VOCs																											
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SVOCs																											
1-Methylnaphthalene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.8 U	15 U	3.8 U	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
2-Methylnaphthalene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.8 U	15 U	3.8 U	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Acenaphthene	mg/kg	-	-	-	-	1.2	-	-	-	-	0.8 U	21 ⁱ	7.3	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Acenaphthylene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.8 U	15 U	2.8 U	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Anthracene	mg/kg	-	-	-	-	2.2	-	-	-	-	0.8 U	31	11	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Benzo(a)anthracene	mg/kg	-	-	-	-	5.3	-	-	-	-	7	120 ^d	33	-	-	-	-	-	-	11	-	-	-	-	-	-	
Benzo(a)pyrene	mg/kg	-	-	-	-	4.6	-	-	-	-	4 U	42 ^d	14 ^d	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Benzo(b)fluoranthene	mg/kg	-	-	-	-	7.6	-	-	-	-	5.9	76	25	-	-	-	-	-	-	7	-	-	-	-	-	-	
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	3	-	-	-	-	1.8	24	7.8	-	-	-	-	-	-	7.7	-	-	-	-	-	-	
Benzo(k)fluoranthene	mg/kg	-	-	-	-	3 U	-	-	-	-	5.9	76	25	-	-	-	-	-	-	7	-	-	-	-	-	-	
Chrysene	mg/kg	-	-	-	-	5.6	-	-	-	-	7	120	33	-	-	-	-	-	-	11	-	-	-	-	-	-	
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	3 U	-	-	-	-	0.8 U	7.7 U	7.7 U	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Fluoranthene	mg/kg	-	-	-	-	13 ⁱ	-	-	-	-	7.1 ⁱ	110 ⁱ	36 ⁱ	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Fluorene	mg/kg	-	-	-	-	0.94	-	-	-	-	0.8 U	19 ⁱ	6.9 ⁱ	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	5.1	-	-	-	-	2.8	31	11	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	0.8 U	18 ⁱ	5.8 ⁱ	-	-	-	-	-	-	3.5 U	-	-	-	-	-	-	
Phenanthrene	mg/kg	-	-	-	-	8.3 ⁱ	-	-	-	-	3.8 ⁱ	98 ⁱ	35 ⁱ	-	-	-	-	-	-	10 ⁱ	-	-	-	-	-	-	
Pyrene	mg/kg	-	-	-	-	120	-	-	-	-	5.7	88	28	-	-	-	-	-	-	8.5	-	-	-	-	-	-	
Inorganics																											
Lead	mg/kg	8100 ^{dei}	2300 ^{de}	140	16	-	560	980 ^{de}	27000 ^{dei}	1300 ^{de}	-	-	-	1800 ^{de}	1100 ^{de}	680	3000 ^{de}	8500 ^{dei}	500	-	11	3	720 ^e	120	3	6	
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Notes:
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PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 29 SB-18-12	PAOC 29 SB-18-12	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-13	PAOC 29 SB-18-14	PAOC 29 SB-18-14	PAOC 29 SB-18-14	PAOC 29 SB-18-14	PAOC 29 SB-18-14	PAOC 29 SB-18-14	PAOC 29 SB-18-16	PAOC 29 SB-18-16	PAOC 29 SB-18-16	PAOC 29 SB-18-16	PAOC 29 SB-18-17
Sample Location:		6.2-8.2 ft BGS	8.2-10.2 ft BGS	0-0.5 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	8-10 ft BGS	6-8 ft BGS	0.5-2 ft BGS	0-0.5 ft BGS	2-4 ft BGS	4-5.5 ft BGS	6-2 ft BGS
Sample ID:		SB-18-12S6E8	SB-18-12S8E10	SB-18-13S0S1	SB-18-13S0E1	SB-18-13S10E12	SB-18-13S1E2	SB-18-13S2E4	SB-18-13S4E6	SB-18-13S6E8	SB-18-13S8E10	SB-18-14S2E4	SB-18-14S0E1	SB-18-14S1E2	SB-18-14S2E4	SB-18-14S4E6	SB-18-14S6E10	SB-18-14S6E8	SB-18-16S1E2	SB-18-16S0E1	SB-18-16S2E4	SB-18-16S4E6	SB-18-16S6E2
Sample Date:		12/09/1996	12/09/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/01/1996	12/11/1996	12/11/1996	12/11/1996	12/01/1996
Sample Type:																							
Parameter:	Units																						
VOCs																							
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																							
1-Methylnaphthalene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	1.8 U	-	-	-	-	-	-	9	-	-	-	0.33 U
2-Methylnaphthalene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	1.8 U	-	-	-	-	-	-	13 ⁱ	-	-	-	0.33 U
Acenaphthene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	2.5	-	-	-	-	-	-	67 ⁱ	-	-	-	0.33 U
Acenaphthylene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	1.8 U	-	-	-	-	-	-	8.1 U	-	-	-	0.33 U
Anthracene	mg/kg	-	-	0.64	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	130 ^{eb}	-	-	-	0.33 U
Benzo(a)anthracene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	12	-	-	-	-	-	-	450 ^d	-	-	-	0.33 U
Benzo(a)pyrene	mg/kg	-	-	2.7 U	-	-	-	-	-	-	-	4.3	-	-	-	-	-	-	130 ^d	-	-	-	0.33 U
Benzo(b)fluoranthene	mg/kg	-	-	2.7 U	-	-	-	-	-	-	-	7.5	-	-	-	-	-	-	290 ^d	-	-	-	0.33 U
Benzo(g,h,i)perylene	mg/kg	-	-	2.7 U	-	-	-	-	-	-	-	2.8	-	-	-	-	-	-	75	-	-	-	0.33 U
Benzo(k)fluoranthene	mg/kg	-	-	2.7 U	-	-	-	-	-	-	-	7.5	-	-	-	-	-	-	290	-	-	-	0.33 U
Chrysene	mg/kg	-	-	1	-	-	-	-	-	-	-	12	-	-	-	-	-	-	450	-	-	-	0.33 U
Dibenz(a,h)anthracene	mg/kg	-	-	2.7 U	-	-	-	-	-	-	-	7.3 U	-	-	-	-	-	-	29 ^d	-	-	-	0.33 U
Fluoranthene	mg/kg	-	-	2.4	-	-	-	-	-	-	-	13 ⁱ	-	-	-	-	-	-	520 ⁱ	-	-	-	0.33 U
Fluorene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	57 ⁱ	-	-	-	0.33 U
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	2.7 U	-	-	-	-	-	-	-	7.3 U	-	-	-	-	-	-	24	-	-	-	0.33 U
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/kg	-	-	0.33 U	-	-	-	-	-	-	-	2.2 ⁱ	-	-	-	-	-	-	50 ⁱ	-	-	-	0.33 U
Phenanthrene	mg/kg	-	-	2.9 ⁱ	-	-	-	-	-	-	-	11 ⁱ	-	-	-	-	-	-	440 ^{beci}	-	-	-	0.33 U
Pyrene	mg/kg	-	-	2	-	-	-	-	-	-	-	9.1	-	-	-	-	-	-	450	-	-	-	0.33 U
Inorganics																							
Lead	mg/kg	4	5	-	43	3	12	4	4	4	3	-	3300 ^{de}	10000 ^{dei}	1200 ^{de}	1200 ^{de}	670	480	-	1100 ^{de}	140	1400 ^{de}	1500 ^{de}
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
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PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		SB-18-17	SB-18-17	SB-18-17	SB-18-18	SB-18-18	SB-18-18	SB-18-18	SB-18-18	SB-18-18	SB-18-19	SB-18-19	SB-18-19	SB-18-19	SB-18-19	SB-18-19	SB-18-19	SB-18-19	SB-18-19	SB-18-46	SB-18-49	SB-18-49	SB-18-49	SB-18-49
Sample Depth:		0-0.5 ft BGS	2-3 ft BGS	6-2 ft BGS	2-4 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-9 ft BGS	0.17-0.67 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2-2.5 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS
Sample ID:		SB-18-17S0E1	SB-18-17S2E3	SB-18-17S6E2	SB-18-18S2E4	SB-18-18S0E1	SB-18-18S1E2	SB-18-18S2E4	SB-18-18S4E6	SB-18-18S6E8	SB-18-18S8E9	SB-18-19S0E1	SB-18-19S0E1	SB-18-19S10E12	SB-18-19S1E2	SB-18-19S2E4	SB-18-19S4E6	SB-18-19S6E8	SB-18-19S8E10	SB-18-46S2E3	SB-18-49S2E4	SB-18-49S0E1	SB-18-49S10E12	SB-18-49S1E2
Sample Date:		12/11/1996	12/11/1996	12/11/1996	12/01/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/12/1996	12/01/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/09/1996	12/01/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996
Sample Type:																								
Parameter:		Units																						
VOCs																								
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																								
1-Methylnaphthalene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	17	0.33 U	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	14 ⁱ	0.33 U	-	-	-
Acenaphthene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	9 ⁱ	0.33 U	-	-	-
Acenaphthylene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	8.7 U	0.33 U	-	-	-
Anthracene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.69	-	-	-	-	-	-	-	8.7 U	0.33 U	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	0.8	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	17	0.48	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	0.47	-	-	-	-	-	-	2.8 U	-	-	-	-	-	-	-	8.7 U	0.61	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	0.45	-	-	-	-	-	-	2.8 U	-	-	-	-	-	-	-	9.2	0.95	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	8.7 U	0.33 U	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	0.45	-	-	-	-	-	-	2.8 U	-	-	-	-	-	-	-	9.2	0.33 U	-	-	-
Chrysene	mg/kg	-	-	-	0.8	-	-	-	-	-	-	0.99	-	-	-	-	-	-	-	17	0.55	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	2.8 U	-	-	-	-	-	-	-	8.7 U	0.33 U	-	-	-
Fluoranthene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	18 ⁱ	0.78	-	-	-
Fluorene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.33 U	-	-	-	-	-	-	-	9.3 ⁱ	0.33 U	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	2.8 U	-	-	-	-	-	-	-	8.7 U	0.33 U	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	0.36 U	-	-	-	-	-	-	0.36	-	-	-	-	-	-	-	8.7 U	0.33 U	-	-	-
Phenanthrene	mg/kg	-	-	-	0.64	-	-	-	-	-	-	2.9 ⁱ	-	-	-	-	-	-	-	29 ⁱ	0.33 U	-	-	-
Pyrene	mg/kg	-	-	-	0.61	-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	12	0.8	-	-	-
Inorganics																								
Lead	mg/kg	86	4	12	-	280	720 ^e	29	220	110	4	-	54	5	2200 ^{de}	9	38	5	7	-	-	27	3	94
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	
Sample Location:		SB-18-49	SB-18-49	SB-18-49	SB-18-49	SB-18-50	SB-18-50	SB-18-50	SB-18-50	SB-18-50	SB-18-50	SB-18-50	SB-18-50	SB-18-52	SB-18-52	SB-18-52	SB-18-52	SB-18-52	SB-18-52	SB-18-53	SB-18-53	SB-18-53	SB-18-53	
Sample Depth:		2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	2.2-4.2 ft BGS	0.17-0.67 ft BGS	10.2-11.5 ft BGS	0.67-2.2 ft BGS	2.2-4.2 ft BGS	4.2-6.2 ft BGS	6.2-8.2 ft BGS	8.2-10.2 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:		SB-18-49S2E4	SB-18-49S4E6	SB-18-49S6E8	SB-18-49S8E10	SB-18-50S2E4	SB-18-50S0E1	SB-18-50S10E12	SB-18-50S1E2	SB-18-50S2E4	SB-18-50S4E6	SB-18-50S6E8	SB-18-50S8E10	SB-18-52S0E1	SB-18-52S10E12	SB-18-52S1E2	SB-18-52S2E4	SB-18-52S4E6	SB-18-52S6E8	SB-18-52S8E10	SB-18-53S0E1	SB-18-53S10E12	SB-18-53S1E2	SB-18-53S2E4
Sample Date:		12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/01/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	12/18/1996	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997
Sample Type:																								
Parameter:	Units																							
VOCs																								
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																								
1-Methylnaphthalene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	0.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	0.33 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	0.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	0.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics																								
Lead	mg/kg	130	4	8	3	-	65	120	52	11000 ^{del}	12000 ^{del}	6600 ^{de}	10000 ^{del}	82	2	5	6	8	23	2	26	2	15	5
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.4A
PAOC 29 - SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		SB-18-53	SB-18-53	SB-18-53	SB-18-55	SB-18-55	SB-18-55	SB-18-55	SB-18-55	SB-18-55	SB-18-55	SB19-10	SB19-10	SB19-10	SB19-10	SB19-10	SB19-10
Sample Depth:		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	10-12 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:		SB-18-53S4E6	SB-18-53S6E8	SB-18-53S8E10	SB-18-55S0E1	SB-18-55S10E12	SB-18-55S1E2	SB-18-55S2E4	SB-18-55S4E6	SB-18-55S6E8	SB-18-55S8E10	SB-19-10S0E1	SB-19-10S1E2	SB-19-10S2E4	SB-19-10S4E6	SB-19-10S6E8	SB-19-10S8E10
Sample Date:		03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	03/22/1997	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996
Sample Type:																	
Parameter:	Units																
VOCs																	
Chlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOCs																	
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inorganics																	
Lead	mg/kg	8	2	3	52	3	47	14	7	6	7	2000 ^{de}	800 ^e	1400 ^{de}	52000 ^{dregl}	170	2200 ^{de}
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
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NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 29 MW19-12 0-2 ft BGS S-17303-111903-DD-215 11/19/2003	PAOC 29 MW19-12 11.5-13.5 ft BGS S-17303-111903-DD-216 11/19/2003
	Units	x	a	b	c	d	e	f	g	h	i	j		
VOCs														
1,1,1-Trichloroethane	mg/kg	-	31000	15000	4500	460	4	460	29000000	460	1.8	460	0.047 U	0.057 U
1,1,2,2-Tetrachloroethane	mg/kg	-	34	34	34	240	0.7	23	68000	94	1.6	870	0.094 U	0.11 U
1,1,2-Trichloroethane	mg/kg	-	120	57	57	840	0.1	24	250000	420	6.6	920	0.047 U	0.057 U
1,1-Dichloroethane	mg/kg	-	14000	6000	2500	890	50	430	15000000	890	15	890	0.047 U	0.057 U
1,1-Dichloroethene	mg/kg	-	37	15	3.7	570	0.14	0.33	78000	220	2.6	570	0.047 U	0.057 U
1,2,4-Trichlorobenzene	mg/kg	-	34000	34000	34000	1100	4.2	1100	11000000	1100	5.9	1100	0.23 U	0.58
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	15	15	15	1.2	0.01	1.2	5900	1.2	ID	1.2	0.23 U	0.28 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	9.8	5.8	5.8	0.43	0.02	3.6	18000	0.5	0.11	890	0.23 U	0.28 U
1,2-Dichlorobenzene	mg/kg	-	55000	46000	46000	210	14	210	44000000	210	0.28	210	0.094 U	0.11 U
1,2-Dichloroethane	mg/kg	-	74	33	21	420	0.1	11	150000	380	7.2	1200	0.047 U	0.057 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	-	120	51	30	550	0.1	7.4	120000	320	4.6	550	0.047 U	0.057 U
1,3-Dichlorobenzene	mg/kg	-	110	94	94	170	0.48	48	8800	51	0.68	170	0.094 U	0.14
1,3-Dichloropropene	mg/kg	-	470	200	60	240	0.7	5.4	590000	110	0.18	620	-	-
1,4-Dichlorobenzene	mg/kg	-	340	260	260	1900	1.7	100	570000	140	0.36	-	0.094 U	0.11 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	36000	35000	35000	27000	760	27000	29000000	27000	44	27000	0.7 U	0.85 U
2-Hexanone	mg/kg	-	1500	1300	1300	2500	58	1800	1200000	2500	ID	2500	2.3 U	2.8 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	70000	53000	53000	2700	100	2700	60000000	2700	ID	2700	2.3 U	2.8 U
Acetone	mg/kg	-	200000	160000	160000	73000	42	110000	170000000	110000	34	110000	0.7 U	0.85 U
Benzene	mg/kg	-	230	99	45	400	0.1	8.4	470000	220	4	400	0.047 U	0.018 J
Bromodichloromethane	mg/kg	-	57	31	31	490	1.6	6.4	110000	280	ID	1500	0.094 U	0.11 U
Bromoform	mg/kg	-	3100	3100	3100	870	1.6	770	3600000	870	ID	870	0.094 U	0.11 U
Bromomethane (Methyl bromide)	mg/kg	-	140	57	13	1000	0.58	1.6	150000	1400	0.7	2200	0.23 U	0.28 U
Carbon disulfide	mg/kg	-	19000	8000	1600	280	46	140	21000000	280	ID	280	0.23 U	0.032 J
Carbon tetrachloride	mg/kg	-	79	34	12	390	0.1	0.99	170000	92	0.9	390	0.047 U	0.057 U
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260	0.5	260	0.047 U	0.057 U
Chloroethane	mg/kg	-	280000	120000	36000	950	34	950	290000000	950	22	950	0.23 U	0.28 U
Chloroform (Trichloromethane)	mg/kg	-	790	340	150	1500	1.6	38	1600000	1500	7	1500	0.047 U	0.057 U
Chloromethane (Methyl chloride)	mg/kg	-	2500	1000	120	1100	22	10	2600000	1100	ID	1100	0.23 U	0.28 U
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640	12	640	0.047 U	0.041 J
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.047 U	0.057 U
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	1.1 U	0.089 J
Dibromochloromethane	mg/kg	-	98	80	80	500	1.6	21	160000	360	ID	610	0.047 U	0.057 U
Dichlorodifluoromethane (CFC-12)	mg/kg	-	1400000	550000	63000	1000	270	1700	1500000000	1000	ID	1000	0.094 U	0.11 U
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140	0.36	140	0.047 U	0.028 J
Isopropyl benzene	mg/kg	-	3000	2000	2000	390	260	390	2600000	390	3.2	390	0.23 U	0.028 J
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-	-	-	1.1 U	0.29 J
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	1.1 U	0.31 J
Methyl tert butyl ether (MTBE)	mg/kg	-	89000	41000	30000	5900	0.8	5900	88000000	5900	140	5900	0.23 U	0.28 U
Methylene chloride	mg/kg	-	4000	1700	700	2300	0.1	240	8300000	2300	30	2300	0.23 U	0.28 U
Styrene	mg/kg	-	4200	3300	3300	520	2.7	520	6900000	270	2.1	520	0.047 U	0.057 U
Tetrachloroethene	mg/kg	-	3300	1400	600	88	0.1	60	6800000	88	1.2	88	0.047 U	0.057 U
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250	5.4	250	0.094 U	0.11 U
trans-1,2-Dichloroethene	mg/kg	-	2000	840	330	1400	2	43	2100000	1400	30	1400	0.047 U	0.057 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	0.047 U	0.057 U
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440	4	500	0.31 ^e	0.47 ^e
Trichlorofluoromethane (CFC-11)	mg/kg	-	140000000	140000000	110000	560	150	560	1700000000	560		560	0.094 U	0.11 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	2100000	890000	210000	550	550	550	2300000000	550	1.7	550	0.23 U	0.28 U
Vinyl chloride	mg/kg	-	420	170	29	34	0.04	2.8	890000	20	0.26	490	0.094 U	0.15 ^e
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150	0.82	150	0.47 U	0.57 U
SVOCs														
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	73000	110	NLV	10000000	9100		-	-	-

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 29 MW19-12 0-2 ft BGS S-17303-111903-DD-215 11/19/2003	PAOC 29 MW19-12 11.5-13.5 ft BGS S-17303-111903-DD-216 11/19/2003
	Units	x	a	b	c	d	e	f	g	h	i	j		
2,4,6-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200	0.33	-	-	-
2,4-Dichlorophenol	mg/kg	-	NLV	NLV	NLV	1800	4.2	NLV	2300000	960	0.33	1800	-	-
2,4-Dimethylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2100000	10000	7.6	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	NLV	NLV	NLV	220	0.64	NLV	20000	170	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	ID	ID	ID	180000	1800	ID	ID	2300	-	-	-	-
2-Chlorophenol	mg/kg	-	1100	1100	1100	4500	2.6	800	530000	1900	0.36	19000	-	-
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500	4.2	-	-	-
2-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	NLV	NLV	NLV	2000	1.2	NLV	ID	1600	ID	-	-	-
3&4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	NLV	NLV	NLV	30	2	NLV	8200	4.6	2	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	NLV	NLV	NLV	260	0.83	NLV	ID	190	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	NLV	NLV	NLV	15000	16	NLV	ID	3000	0.28	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000	1	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970	8.7	-	-	-
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440	ID	-	-	-
Acetophenone	mg/kg	-	52000	52000	52000	1100	88	1100	14000000	1100	ID	1100	-	-
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41	-	29000000	41	ID	-	-	-
Atrazine	mg/kg	-	NLV	NLV	NLV	330	0.06	NLV	ID	110	0.15	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 29 MW19-12 0-2 ft BGS S-17303-111903-DD-215 11/19/2003	PAOC 29 MW19-12 11.5-13.5 ft BGS S-17303-111903-DD-216 11/19/2003
	Units	x	a	b	c	d	e	f	g	h	i	j		
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	-	-
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL	NLL	-	-	-
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL	NLL	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL	NLL	-	-	-
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL	NLL	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	13	13	13	58	0.17	44	12000	110	0.1	2200	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	NLV	NLV	NLV	10000	NLL	NLV	890000	NLL	NLL	10000	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	NLV	NLV	NLV	310	310	NLV	21000000	310	120	310	-	-
Caprolactam	mg/kg	-	NLV	NLV	NLV	310000	340	NLV	290000			-	-	-
Carbazole	mg/kg	-	NLV	NLV	NLV	2400	39	NLV	78000	820	1.1	-	-	-
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL	NLL	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL	NLL	-	-	-
Dibenzofuran	mg/kg	-	160	160	160	ID	ID	3600	2900	ID	1.7	-	-	-
Diethyl phthalate	mg/kg	-	NLV	NLV	NLV	740	320	NLV	1500000	740	2.2	740	-	-
Dimethyl phthalate	mg/kg	-	NLV	NLV	NLV	790	790	NLV	1500000	790		790	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	NLV	NLV	NLV	760	760	NLV	1500000	760	11	760	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	-	NLV	NLV	NLV	20000	140000	NLV	14000000	140000	ID	140000	-	-
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730		4100000	730	5.5	-	-	-
Fluorene	mg/kg	-	150000	150000	150000	87000	890		4100000	890	5.3	-	-	-
Hexachlorobenzene	mg/kg	-	56	56	56	37	1.8	220	8500	8.2	0.35	-	-	-
Hexachlorobutadiene	mg/kg	-	460	460	460	350	72	350	180000	350	0.091	350	-	-
Hexachlorocyclopentadiene	mg/kg	-	60	60	60	720	320	56	5900	720	ID	720	-	-
Hexachloroethane	mg/kg	-	1400	1400	660	730	1.2	79	100000	110	1.8	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL	NLL	-	-	-
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400	26	2400	-	-
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100	0.73	-	-	-
Nitrobenzene	mg/kg	-	64	64	64	340	0.33	170	21000	220	3.6	490	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	NLV	NLV	NLV	5.4	0.33	NLV	2000	7.2		1500	-	-
N-Nitrosodiphenylamine	mg/kg	-	NLV	NLV	NLV	7800	22	NLV	2800000	700		-	-	-
Pentachlorophenol	mg/kg	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3	26.5	-	-	-
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100	2.1	-	-	-
Phenol	mg/kg	-	NLV	NLV	NLV	12000	260	NLV	18000000	12000	9	12000	-	-
Pyrene	mg/kg	-	780000	780000	780000	84000	480		2900000	480	ID	-	-	-
Pyridine	mg/kg	-	97	40	9.8	37	0.42	2	100000	37		37	-	-
Inorganics														
Aluminum	mg/kg	6900	NLV	NLV	NLV	370000	1	NLV	ID			-	4450	3320
Antimony	mg/kg	-	NLV	NLV	NLV	670	4.3	NLV	5900	49000	94	-	3.4	0.63 U
Arsenic	mg/kg	5.8	NLV	NLV	NLV	37	4.6	NLV	910	2000	4.6	-	2.3	3.2
Barium	mg/kg	75	NLV	NLV	NLV	130000	1300	NLV	150000		1250	-	38.8	19.5
Beryllium	mg/kg	-	NLV	NLV	NLV	1600	51	NLV	590		948	-	0.22 U	0.25 U
Cadmium	mg/kg	1.2	NLV	NLV	NLV	2100	6	NLV	2200	230000	7.32	-	0.64	14.0 ^{rei}
Calcium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	1810	4510
Chromium	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X	-	17.2	11.0
Chromium III (trivalent)	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D	6620000 G,X	-	-	-
Chromium VI (hexavalent)	mg/kg		NLV	NLV	NLV	9200	30	NLV	240	140000	3.3	-	-	-
Cobalt	mg/kg	6.8	NLV	NLV	NLV	9000	2	NLV	5900	48000	2	-	2.2	2.8
Copper	mg/kg	32	NLV	NLV	NLV	73000	5800	NLV	59000		167	-	6.3	5.6
Iron	mg/kg	12000	NLV	NLV	NLV	580000	6	NLV	ID			-	6000	6890
Lead	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	61.9	17.7
Lead - coarse fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria	Nonresidential Particulate Soil Inhalation Criteria	Groundwater Contact Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Screening Levels	PAOC 29 MW19-12 0-2 ft BGS S-17303-111903-DD-215 11/19/2003	PAOC 29 MW19-12 11.5-13.5 ft BGS S-17303-111903-DD-216 11/19/2003
	Units	x	a	b	c	d	e	f	g	h	i	j		
Lead - fine fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID	7740	-	-	-
Magnesium	mg/kg	-	NLV	NLV	NLV		22000	NLV	2900000			-	1110	1750
Manganese	mg/kg	440	NLV	NLV	NLV	90000	1	NLV	1500	180000	128	-	173	49.8
Mercury	mg/kg	0.13	62	62	62	580	1.7	89	8800	47	0.05	-	0.024 J	0.13 U
Nickel	mg/kg	20	NLV	NLV	NLV	150000	100	NLV	16000		166	-	6.3	8.0
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-	-	226 J	241 J
Selenium	mg/kg	0.41	NLV	NLV	NLV	9600	4	NLV	59000	78000	0.4	-	0.12 J	9.1 ^{xei}
Silver	mg/kg	1	NLV	NLV	NLV	9000	13	NLV	2900	200000	0.1	-	0.56 U	0.63 U
Sodium	mg/kg	-	NLV	NLV	NLV		7000	NLV	ID			-	112 U	126 U
Thallium	mg/kg	-	NLV	NLV	NLV	130	2.3	NLV	5900	15000	4.2	-	0.047 J	0.051 J
Vanadium	mg/kg	-	NLV	NLV	NLV	5500	990	NLV	ID		190	-	8.1	10
Zinc	mg/kg	-	NLV	NLV	NLV	630000	5000	NLV	ID		377	-	61.1	41.1
Cyanide (total)	mg/kg	-	NLV	NLV	NLV	250	4	NLV	250	250	0.1	-	0.22 U	0.25 U
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
Total PCBs	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL	NLL	-	-	-
General Chemistry														
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-	89.5	79.6

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

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YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:	MW19-14	MW19-14	MW19-15	MW19-15	MW19-15	SB19-03	SB19-03	SB19-05	SB21-01	SB22-01	SB22-01	SB22-01	SB22-01
Sample Depth:	0-2 ft BGS	11-13 ft BGS	0-2 ft BGS	7-9 ft BGS	9-9.5 ft BGS	0-2 ft BGS	7.5-9.5 ft BGS	6-8 ft BGS	1-3 ft BGS	7-9 ft BGS	9-9.5 ft BGS	9-9.5 ft BGS	9-9.5 ft BGS
Sample ID:	S-17303-111203-DD-209	S-17303-111203-DD-210	S-17303-111103-DD-205	S-17303-111103-DD-206	S-17303-111103-DD-207	S-17303-111403-DD-229	S-17303-111403-DD-230	S-17303-111303-DD-212	S-17303-111203-DD-208	S-17303-051804-DCR-319	S-17303-051804-DCR-320	S-17303-051804-DCR-320	S-17303-051804-DCR-320
Sample Date:	11/12/2003	11/12/2003	11/11/2003	11/11/2003	11/11/2003	11/11/2003	11/14/2003	11/13/2003	11/12/2003	05/18/2004	05/18/2004	05/18/2004	05/18/2004
Sample Type:													
Parameter:	Units												
VOCs													
1,1,1-Trichloroethane	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
1,1,2,2-Tetrachloroethane	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
1,1,2-Trichloroethane	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
1,1-Dichloroethane	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
1,1-Dichloroethene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
1,2,4-Trichlorobenzene	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
1,2-Dichlorobenzene	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
1,2-Dichloroethane	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-		-
1,2-Dichloropropane	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
1,3-Dichlorobenzene	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-		-
1,4-Dichlorobenzene	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	1.6 U	3.2 U	0.61 U	R	R	1.2 U	3.1 U	0.99 UJ	7.6 U	0.93 U		R
2-Hexanone	mg/kg	5.3 U	11 U	2 U	R	R	4.1 U	10 U	3.3 UJ	25 U	3.1 U		R
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	5.3 U	11 U	2 U	R	R	4.1 U	10 U	3.3 UJ	25 U	3.1 U		R
Acetone	mg/kg	1.6 U	3.2 U	0.61 U	0.23 J	0.3 J	1.2 U	3.1 U	0.99 UJ	7.6 U	0.93 U	0.5 J	
Benzene	mg/kg	0.11 U	0.21 U	0.041 U	0.018 J	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.041 J		R
Bromodichloromethane	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
Bromoform	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
Bromomethane (Methyl bromide)	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
Carbon disulfide	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.09 J		R
Carbon tetrachloride	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Chlorobenzene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Chloroethane	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
Chloroform (Trichloromethane)	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Chloromethane (Methyl chloride)	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
cis-1,2-Dichloroethene	mg/kg	0.11 U	0.21	0.041 U	0.03 J	R	0.12	0.29	0.066 UJ	9.9 ^e	0.19		R
cis-1,3-Dichloropropene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Cyclohexane	mg/kg	2.5 U	5 U	0.98 U	R	R	2 U	5 U	1.6 UJ	0.22 J	1.5 U		R
Dibromochloromethane	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Dichlorodifluoromethane (CFC-12)	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
Ethylbenzene	mg/kg	0.11 U	0.21 U	0.041 U	0.042 J	R	0.083 U	0.21 U	0.17 J	1.5 ⁱ	0.23		R
Isopropyl benzene	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.079 J	1.9 J	0.12 J		R
Methyl acetate	mg/kg	2.5 U	5 U	0.063 J	R	0.22 J	2 U	5 U	0.25 J	12 U	0.1 J		R
Methyl cyclohexane	mg/kg	2.5 U	5 U	0.042 J	0.029 J	R	2 U	5 U	0.25 J	3.8 J	0.13 J		R
Methyl tert butyl ether (MTBE)	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
Methylene chloride	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
Styrene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Tetrachloroethene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Toluene	mg/kg	0.21 U	0.42 U	0.082 U	0.02 J	R	0.17 U	0.42 U	0.022 J	1.9	0.055 J		R
trans-1,2-Dichloroethene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	1.9	0.062 U		R
trans-1,3-Dichloropropene	mg/kg	0.11 U	0.21 U	0.041 U	R	R	0.083 U	0.21 U	0.066 UJ	0.5 U	0.062 U		R
Trichloroethene	mg/kg	1.2 ^e	5.2 ^{ei}	0.022 J	0.091 J	R	2.2 ^e	6.8 ^{ei}	0.066 UJ	7.3 ^{ei}	0.098		R
Trichlorofluoromethane (CFC-11)	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.12 U		R
Trifluorotrichloroethane (Freon 113)	mg/kg	0.53 U	1.1 U	0.2 U	R	R	0.41 U	1 U	0.33 UJ	2.5 U	0.31 U		R
Vinyl chloride	mg/kg	0.21 U	0.42 U	0.082 U	R	R	0.17 U	0.42 U	0.13 UJ	1 U	0.32 ^{ei}		R
Xylenes (total)	mg/kg	1.1 U	2.1 U	0.41 U	0.19 J	R	0.83 U	2.1 U	0.64 J	32 ^{ei}	1.2 ⁱ		R
SVOCs													
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-		-
2,4,5-Trichlorophenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-		-

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-14 0-2 ft BGS S-17303-111203-DD-209 11/12/2003	PAOC 29 MW19-14 11-13 ft BGS S-17303-111203-DD-210 11/12/2003	PAOC 29 MW19-15 0-2 ft BGS S-17303-111103-DD-205 11/11/2003	PAOC 29 MW19-15 7-9 ft BGS S-17303-111103-DD-206 11/11/2003	PAOC 29 MW19-15 9-9.5 ft BGS S-17303-111103-DD-207 11/11/2003	PAOC 29 SB19-03 0-2 ft BGS S-17303-111403-DD-229 11/14/2003	PAOC 29 SB19-03 7.5-9.5 ft BGS S-17303-111403-DD-230 11/14/2003	PAOC 29 SB19-05 6-8 ft BGS S-17303-111303-DD-212 11/13/2003	PAOC 29 SB21-01 1-3 ft BGS S-17303-111203-DD-208 11/12/2003	PAOC 29 SB22-01 7-9 ft BGS S-17303-051804-DCR-319 05/18/2004	PAOC 29 SB22-01 9-9.5 ft BGS S-17303-051804-DCR-320 05/18/2004
	Units											
2,4,6-Trichlorophenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2,4-Dichlorophenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2,4-Dimethylphenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2,4-Dinitrophenol	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
2,4-Dinitrotoluene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2,6-Dinitrotoluene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2-Chloronaphthalene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2-Chlorophenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
2-Methylnaphthalene	mg/kg	1.5 U	0.38 U	0.36 U	1.8 J	0.1 J	-	-	9.2 ⁱ	27 ⁱ	-	-
2-Methylphenol	mg/kg	1.5 U	0.38 U	0.36 U	0.024 J	0.49 U	-	-	4.2 U	8.4 U	-	-
2-Nitroaniline	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
2-Nitrophenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
3-Nitroaniline	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
4,6-Dinitro-2-methylphenol	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
4-Bromophenyl phenyl ether	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
4-Chloro-3-methylphenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
4-Chloroaniline	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
4-Chlorophenyl phenyl ether	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
4-Methylphenol	mg/kg	1.5 U	0.38 U	0.36 U	0.08 J	0.04 J	-	-	4.2 U	8.4 U	-	-
4-Nitroaniline	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
4-Nitrophenol	mg/kg	7.3 U	1.9 U	1.7 U	0.18 J	2.4 U	-	-	20 U	40 U	-	-
Acenaphthene	mg/kg	0.17 J	0.38 U	0.36 U	4.9 J	0.43 J	-	-	4.2 U	8.4 U	-	-
Acenaphthylene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Acetophenone	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Anthracene	mg/kg	0.26 J	0.028 J	0.029 J	7.5 J	0.98	-	-	0.68 J	2.1 J	-	-
Atrazine	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Benzaldehyde	mg/kg	1.5 U	0.054 J	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-14 0-2 ft BGS S-17303-111203-DD-209 11/12/2003	PAOC 29 MW19-14 11-13 ft BGS S-17303-111203-DD-210 11/12/2003	PAOC 29 MW19-15 0-2 ft BGS S-17303-111103-DD-205 11/11/2003	PAOC 29 MW19-15 7-9 ft BGS S-17303-111103-DD-206 11/11/2003	PAOC 29 MW19-15 9-9.5 ft BGS S-17303-111103-DD-207 11/11/2003	PAOC 29 SB19-03 0-2 ft BGS S-17303-111403-DD-229 11/14/2003	PAOC 29 SB19-03 7.5-9.5 ft BGS S-17303-111403-DD-230 11/14/2003	PAOC 29 SB19-05 6-8 ft BGS S-17303-111303-DD-212 11/13/2003	PAOC 29 SB21-01 1-3 ft BGS S-17303-111203-DD-208 11/12/2003	PAOC 29 SB22-01 7-9 ft BGS S-17303-051804-DCR-319 05/18/2004	PAOC 29 SB22-01 9-9.5 ft BGS S-17303-051804-DCR-320 05/18/2004
	Units											
Benzo(a)anthracene	mg/kg	1.4 J	0.24 J	0.099 J	11 J	1.5	-	-	0.47 J	3.3 J	-	-
Benzo(a)pyrene	mg/kg	1.7	0.31 J	0.12 J	10 J ^d	1.6	-	-	0.51 J	3.6 J	-	-
Benzo(b)fluoranthene	mg/kg	2	0.4	0.13 J	11 J	1.7	-	-	0.58 J	4.7 J	-	-
Benzo(g,h,i)perylene	mg/kg	1 J	0.21 J	0.073 J	5 J	0.9	-	-	0.3 J	1.8 J	-	-
Benzo(k)fluoranthene	mg/kg	1.4 J	0.16 J	0.074 J	5.4 J	0.78	-	-	0.34 J	1.9 J	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	1.5 U	0.38 U	0.36 U	0.46	0.077 J	-	-	0.9 J	2 J	-	-
bis(2-Chloroethoxy)methane	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
bis(2-Chloroethyl)ether	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	1.5 U	0.11 J	0.041 J	0.057 J	0.49 U	-	-	4.2 U	8.4 U	-	-
Butyl benzylphthalate (BBP)	mg/kg	1.5 U	0.38 U	0.36 U	0.032 J	0.49 U	-	-	4.2 U	8.4 U	-	-
Caprolactam	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Carbazole	mg/kg	0.41 J	0.38 U	0.36 U	4 J ⁱ	0.6	-	-	4.2 U	8.4 U	-	-
Chrysene	mg/kg	2	0.32 J	0.13 J	10 J	1.7	-	-	0.57 J	4 J	-	-
Dibenz(a,h)anthracene	mg/kg	0.29 J	0.06 J	0.36 U	1.6 J	0.28 J	-	-	4.2 U	8.4 U	-	-
Dibenzofuran	mg/kg	0.18 J	0.38 U	0.36 U	2.6 J ⁱ	0.27 J	-	-	4.2 U	8.4 U	-	-
Diethyl phthalate	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Dimethyl phthalate	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Di-n-butylphthalate (DBP)	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Di-n-octyl phthalate (DnOP)	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Fluoranthene	mg/kg	5.1	0.35 J	0.27 J	31 ⁱ	5.1	-	-	1.4 J	8.6 ⁱ	-	-
Fluorene	mg/kg	0.21 J	0.38 U	0.36 U	4.1 J	0.46 J	-	-	0.94 J	3 J	-	-
Hexachlorobenzene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Hexachlorobutadiene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Hexachlorocyclopentadiene	mg/kg	7.3 U	1.9 U	1.7 U	2 U	2.4 U	-	-	20 U	40 U	-	-
Hexachloroethane	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.95 J	0.19 J	0.073 J	5 J	0.89	-	-	0.29 J	1.7 J	-	-
Isophorone	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Naphthalene	mg/kg	0.12 J	0.38 U	0.36 U	5.2 J ⁱ	0.43 J	-	-	1.6 J ⁱ	4.3 J ⁱ	-	-
Nitrobenzene	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
N-Nitrosodi-n-propylamine	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
N-Nitrosodiphenylamine	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Pentachlorophenol	mg/kg	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	4.2 U	8.4 U	-	-
Phenanthrene	mg/kg	3.4 ⁱ	0.14 J	0.16 J	28 ⁱ	3.9 ⁱ	-	-	2.5 J ⁱ	9.6 ⁱ	-	-
Phenol	mg/kg	1.5 U	0.38 U	0.36 U	0.059 J	0.11 J	-	-	4.2 U	8.4 U	-	-
Pyrene	mg/kg	3.4	0.37 J	0.2 J	21	3	-	-	1.2 J	7.4 J	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Inorganics												
Aluminum	mg/kg	4660	6000	5740	5010	2730	-	-	6780	4460	-	-
Antimony	mg/kg	18.3 ^e	307 ^{ei}	0.37 J	54.5 J ^e	16.5 J ^e	-	-	8.2 ^e	573 ^{ei}	-	-
Arsenic	mg/kg	6.7 ^{xdei}	90.7 ^{xdei}	5.3	36.2 ^{xdei}	6.2 ^{xdei}	-	-	5.9 ^{xdei}	20.3 ^{xdei}	-	-
Barium	mg/kg	296	5070 ^{xdei}	46.4	538	344	-	-	343	4020 ^{xdei}	-	-
Beryllium	mg/kg	0.29	2.1	0.14 J	0.25 U	0.045 J	-	-	0.38	0.25	-	-
Cadmium	mg/kg	9.3 ^{xdei}	171 ^{xdei}	0.45	1170 ^{xdei}	9.7 ^{xdei}	-	-	5.7	244 ^{xdei}	-	-
Calcium	mg/kg	38200	19700	64000	38300	227000	-	-	27800	13600	-	-
Chromium	mg/kg	30.6	222	10.8	41.5	82.4	-	-	65	572	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	5.4	33.5 ^{xdei}	6.9 ^{xdei}	9.9 ^{xdei}	4.4	-	-	4.9	21.6 ^{xdei}	-	-
Copper	mg/kg	158	9310 ^{xdei}	16.7	97.4	27.8	-	-	29.7	188 ^{xi}	-	-
Iron	mg/kg	16200 ^{xe}	204000 ^{xe}	14400 ^{xe}	17700 ^{xe}	8000	-	-	12000	32200 ^{xe}	-	-
Lead	mg/kg	1400 ^{xde}	19400 ^{xdei}	18.0	3500 ^{xde}	915 ^{xde}	-	-	683	24600 ^{xdei}	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-14 0-2 ft BGS S-17303-111203-DD-209 11/12/2003	PAOC 29 MW19-14 11-13 ft BGS S-17303-111203-DD-210 11/12/2003	PAOC 29 MW19-15 0-2 ft BGS S-17303-111103-DD-205 11/11/2003	PAOC 29 MW19-15 7-9 ft BGS S-17303-111103-DD-206 11/11/2003	PAOC 29 MW19-15 9-9.5 ft BGS S-17303-111103-DD-207 11/11/2003	PAOC 29 SB19-03 0-2 ft BGS S-17303-111403-DD-229 11/14/2003	PAOC 29 SB19-03 7.5-9.5 ft BGS S-17303-111403-DD-230 11/14/2003	PAOC 29 SB19-05 6-8 ft BGS S-17303-111303-DD-212 11/13/2003	PAOC 29 SB21-01 1-3 ft BGS S-17303-111203-DD-208 11/12/2003	PAOC 29 SB22-01 7-9 ft BGS S-17303-051804-DCR-319 05/18/2004	PAOC 29 SB22-01 9-9.5 ft BGS S-17303-051804-DCR-320 05/18/2004
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	15100	5220	15200	8830	5810	-	-	5470	5390	-	-
Manganese	mg/kg	359	1950 ^{egi}	300	283	249	-	-	218	408	-	-
Mercury	mg/kg	0.051 J	0.36 ^{xi}	0.024 J	0.096 J	0.065 J	-	-	0.16 ^{xi}	0.17 ^{xi}	-	-
Nickel	mg/kg	26.0	278 ^{xei}	18.1	19.5	9.2	-	-	14.2	41.8	-	-
Potassium	mg/kg	461 J	534 J	1220	935	406 J	-	-	1010	381 J	-	-
Selenium	mg/kg	0.78 ^{xi}	9.6 ^{xei}	0.22 U	421 ^{xei}	1.9 ^{xi}	-	-	1.9 ^{xi}	60.3 ^{xei}	-	-
Silver	mg/kg	0.74	6.6 ^{xi}	0.54 U	1.0	0.35 J	-	-	1.2 ^{xi}	7.4 ^{xi}	-	-
Sodium	mg/kg	56.7 J	615	89.6 J	273	281	-	-	410	464	-	-
Thallium	mg/kg	0.076 J	1.2 U	0.34	0.12	0.078 J	-	-	0.23	2.5 U	-	-
Vanadium	mg/kg	12.2	32.4	14.1	13.7	8.8	-	-	17.7	24.5	-	-
Zinc	mg/kg	419 ⁱ	4770 ⁱ	45.1	652 ⁱ	744 ⁱ	-	-	196	1660 ⁱ	-	-
Cyanide (total)	mg/kg	0.23 U	0.21 J ⁱ	0.22 U	7.7 ^{ei}	9.1 ^{ei}	-	-	1.6 ⁱ	2.3 ⁱ	-	-
PCBs												
Aroclor-1016 (PCB-1016)	mg/kg	0.37 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	0.42 U	0.42 U	-	-
Aroclor-1221 (PCB-1221)	mg/kg	0.37 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	0.42 U	0.42 U	-	-
Aroclor-1232 (PCB-1232)	mg/kg	0.37 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	0.42 U	0.42 U	-	-
Aroclor-1242 (PCB-1242)	mg/kg	0.37 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	0.42 U	0.42 U	-	-
Aroclor-1248 (PCB-1248)	mg/kg	0.37 U	0.38 U	0.36 U	1.4	0.18 J	-	-	2.1	0.42 U	-	-
Aroclor-1254 (PCB-1254)	mg/kg	0.37 U	0.38 U	0.36 U	0.41 U	0.49 U	-	-	0.42 U	5	-	-
Aroclor-1260 (PCB-1260)	mg/kg	0.38	0.14 J	0.25 J	0.84	0.097 J	-	-	0.42 U	0.42 U	-	-
Total PCBs	mg/kg	0.38	0.14 J	0.25 J	2.24	0.277 J	-	-	2.1	5	-	-
General Chemistry												
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	88.2	86.1	91.8	81.2	67.8	91.4	92.7	79.2	79.0	81.7	62.4

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

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PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	
Sample Location:	SB22-02	SB22-04	SB22-05	SB22-05	TP19-03	TP19-04	TP-A6S	TP-A6S	TP-A6S2	TP-I	
Sample Depth:	8-10 ft BGS	7-9 ft BGS	9-10 ft BGS	11-13 ft BGS	1.5-11 ft BGS	-	2.5-2.5 ft BGS	6-6 ft BGS	9-9 ft BGS	4-4 ft BGS	
Sample ID:	S-17303-051804-DCR-322	S-17303-051804-DCR-321	S-17303-051804-DCR-323	S-17303-051804-DCR-324	SO-17303-MA-060403-197	SO-17303-MA-060303-193	SL-17303-060905-BW-0761	ST-17303-060905-BW-0762	SO-17303-061305-BW-0772	SO-17303-060805-BW-0760	
Sample Date:	05/18/2004	05/18/2004	05/18/2004	05/18/2004	06/04/2003	06/03/2003	06/09/2005	06/09/2005	06/13/2005	06/08/2005	
Sample Type:											
Parameter:											
	Units										
VOCs											
1,1,1-Trichloroethane	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
1,1,2,2-Tetrachloroethane	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	1.4 U	-	0.04 U	1.2 U
1,1,2-Trichloroethane	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
1,1-Dichloroethane	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
1,1-Dichloroethene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
1,2,4-Trichlorobenzene	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
1,2-Dichlorobenzene	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 U	-	0.08 U	0.73 J ⁱ
1,2-Dichloroethane	mg/ kg	0.017 J	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
1,2-Dichloroethene (total)	mg/ kg	-	-	-	-	0.054 U	0.8	-	-	-	-
1,2-Dichloropropane	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
1,3-Dichlorobenzene	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 U	-	0.08 U	2.5 U
1,3-Dichloropropene	mg/ kg	-	-	-	-	0.054 U	0.06 U	-	-	-	-
1,4-Dichlorobenzene	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 U	-	0.08 U	2.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/ kg	0.98 U	0.86 U	0.9 U	43 U	0.81 U	0.9 U	21 U	-	0.6 U	18 U
2-Hexanone	mg/ kg	3.3 U	2.9 U	3 U	140 U	2.7 U	3 U	71 U	-	2 U	62 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/ kg	3.3 U	2.9 U	3 U	140 U	2.7 U	3 U	71 U	-	2 U	62 U
Acetone	mg/ kg	0.98 U	0.86 U	0.9 U	43 U	0.81 U	0.9 U	21 U	-	0.6 U	18 U
Benzene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	6.2 ^{ei}
Bromodichloromethane	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 UJ	-	0.08 U	2.5 UJ
Bromoform	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 U	-	0.08 U	2.5 U
Bromomethane (Methyl bromide)	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	5.7 U	-	0.16 U	4.9 U
Carbon disulfide	mg/ kg	0.031 J	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
Carbon tetrachloride	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
Chlorobenzene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
Chloroethane	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
Chloroform (Trichloromethane)	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
Chloromethane (Methyl chloride)	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
cis-1,2-Dichloroethene	mg/ kg	0.065 U	0.088	0.06 U	2.8 U	0.054 U	0.78	1.4 U	-	0.04 U	1.2 U
cis-1,3-Dichloropropene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
Cyclohexane	mg/ kg	1.6 U	1.4 U	1.4 U	1.7 J	1.3 U	1.4 U	34 U	-	0.96 U	3.1 J
Dibromochloromethane	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
Dichlorodifluoromethane (CFC-12)	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 U	-	0.08 U	2.5 U
Ethylbenzene	mg/ kg	0.084	0.019 J	0.06 U	16 ^{ei}	0.18	2.7 ^{ei}	7.9 ^{ei}	-	0.04 U	34 ^{ei}
Isopropyl benzene	mg/ kg	0.16 J	0.29 U	0.3 U	20 ⁱ	0.27 U	1.3	3.2 J	-	0.2 U	3.3 J ⁱ
Methyl acetate	mg/ kg	0.24 J	0.11 J	0.58 J	68 U	1.3 U	1.4 U	34 U	-	0.96 U	30 U
Methyl cyclohexane	mg/ kg	0.13 J	1.4 U	1.4 U	17 J	0.67	1.9	34 U	-	0.96 U	9.4 J
Methyl tert butyl ether (MTBE)	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
Methylene chloride	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	R	-	0.2 U	R
Styrene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	2.6 ⁱ	-	0.04 U	1.2 U
Tetrachloroethene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.013 J	1.2 U
Toluene	mg/ kg	0.026 J	0.015 J	0.12 U	0.89 J	0.11 U	7.8 ⁱ	2.3 J	-	0.08 U	1.5 J
trans-1,2-Dichloroethene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
trans-1,3-Dichloropropene	mg/ kg	0.065 U	0.058 U	0.06 U	2.8 U	0.054 U	0.06 U	1.4 U	-	0.04 U	1.2 U
Trichloroethene	mg/ kg	0.065	0.064	0.06 U	2.8 U	0.054 U	1.3 ^e	3.7 ^e	-	0.25 U	1.2 U
Trichlorofluoromethane (CFC-11)	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	2.9 U	-	0.08 U	2.5 U
Trifluorotrichloroethane (Freon 113)	mg/ kg	0.33 U	0.29 U	0.3 U	14 U	0.27 U	0.3 U	7.1 U	-	0.2 U	6.2 U
Vinyl chloride	mg/ kg	0.13 U	0.12 U	0.12 U	5.7 U	0.11 U	0.12 U	1.1 U	-	0.016 J	0.98 U
Xylenes (total)	mg/ kg	0.31 J	0.053 J	0.6 U	180 ^{defhij}	0.65	20.5 ^{ei}	13 ^{ei}	-	0.02 J	120 ^{ei}
SVOCs											
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/ kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2,4,5-Trichlorophenol	mg/ kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U

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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 SB22-02 8-10 ft BGS S-17303-051804-DCR-322 05/18/2004	PAOC 29 SB22-04 7-9 ft BGS S-17303-051804-DCR-321 05/18/2004	PAOC 29 SB22-05 9-10 ft BGS S-17303-051804-DCR-323 05/18/2004	PAOC 29 SB22-05 11-13 ft BGS S-17303-051804-DCR-324 05/18/2004	PAOC 29 TP19-03 1.5-11 ft BGS SO-17303-MA-060403-197 06/04/2003	PAOC 29 TP19-04 - SO-17303-MA-060303-193 06/03/2003	PAOC 29 TP-A6S 2.5-2.5 ft BGS SL-17303-060905-BW-0761 06/09/2005	PAOC 29 TP-A6S 6-6 ft BGS ST-17303-060905-BW-0762 06/09/2005	PAOC 29 TP-A6S2 9-9 ft BGS SO-17303-061305-BW-0772 06/13/2005	PAOC 29 TP-I 4-4 ft BGS SO-17303-060805-BW-0760 06/08/2005
	Units										
2,4,6-Trichlorophenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2,4-Dichlorophenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2,4-Dimethylphenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2,4-Dinitrophenol	mg/kg	40 U	200 U	1.8 U	3.2 U	3.7 U	4.1 U	900 U	-	0.15 U	42 U
2,4-Dinitrotoluene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2,6-Dinitrotoluene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2-Chloronaphthalene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2-Chlorophenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2-Methylnaphthalene	mg/kg	1.2 J	40 U	0.37 U	0.27 J	12 ⁱ	2.7	1600 U	-	0.26 U	74 U
2-Methylphenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
2-Nitroaniline	mg/kg	40 U	200 U	1.8 U	3.2 U	3.7 U	4.1 U	1200 U	-	0.2 U	56 U
2-Nitrophenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
3&4-Methylphenol	mg/kg	-	-	-	-	0.72 U	0.8 U	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	40 U	200 U	1.8 U	3.2 U	4.3 U	4.8 U	9600 U	-	1.6 U	450 U
3-Nitroaniline	mg/kg	40 U	200 U	1.8 U	3.2 U	3.7 U	4.1 U	1200 U	-	0.2 U	56 U
4,6-Dinitro-2-methylphenol	mg/kg	40 U	200 U	1.8 U	3.2 U	3.7 U	4.1 U	900 U	-	0.15 U	42 U
4-Bromophenyl phenyl ether	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
4-Chloro-3-methylphenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
4-Chloroaniline	mg/kg	8.3 U	40 U	0.37 U	0.65 U	3.7 U	4.1 U	900 U	-	0.15 U	42 U
4-Chlorophenyl phenyl ether	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
4-Methylphenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	-	-	1600 U	-	0.26 U	74 U
4-Nitroaniline	mg/kg	40 U	200 U	1.8 U	3.2 U	3.7 U	4.1 U	1200 U	-	0.2 U	56 U
4-Nitrophenol	mg/kg	40 U	200 U	1.8 U	3.2 U	3.7 U	4.1 U	2000 U	-	0.33 U	92 U
Acenaphthene	mg/kg	2.7 J	14 J ⁱ	0.018 J	0.65 U	0.72 U	1.3	1600 U	-	0.26 U	74 U
Acenaphthylene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Acetophenone	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Anthracene	mg/kg	4.5 J	25 J	0.051 J	0.65 U	0.72 U	1.9	1600 U	-	0.26 U	74 U
Atrazine	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.33 U	0.36 U	240 U	-	0.04 U	11 U
Benzaldehyde	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 SB22-02 8-10 ft BGS S-17303-051804-DCR-322 05/18/2004	PAOC 29 SB22-04 7-9 ft BGS S-17303-051804-DCR-321 05/18/2004	PAOC 29 SB22-05 9-10 ft BGS S-17303-051804-DCR-323 05/18/2004	PAOC 29 SB22-05 11-13 ft BGS S-17303-051804-DCR-324 05/18/2004	PAOC 29 TP19-03 1.5-11 ft BGS SO-17303-MA-060403-197 06/04/2003	PAOC 29 TP19-04 - SO-17303-MA-060303-193 06/03/2003	PAOC 29 TP-A6S 2.5-2.5 ft BGS SL-17303-060905-BW-0761 06/09/2005	PAOC 29 TP-A6S 6-6 ft BGS ST-17303-060905-BW-0762 06/09/2005	PAOC 29 TP-A6S2 9-9 ft BGS SO-17303-061305-BW-0772 06/13/2005	PAOC 29 TP-I 4-4 ft BGS SO-17303-060805-BW-0760 06/08/2005
Benzo(a)anthracene	mg/kg	9.1	41	0.14 J	0.65 U	0.72 U	2.9	1600 U	-	0.26 U	74 U
Benzo(a)pyrene	mg/kg	5.5 J	36 J ^d	0.16 J	0.65 U	0.72 U	1.8	1600 U	-	0.26 U	74 U
Benzo(b)fluoranthene	mg/kg	9.8	41	0.2 J	0.65 U	0.72 U	2.5	1600 U	-	0.26 U	74 U
Benzo(g,h,i)perylene	mg/kg	5.3 J	20 J	0.12 J	0.65 U	0.72 U	1.1	1600 U	-	0.26 U	74 U
Benzo(k)fluoranthene	mg/kg	4.6 J	22 J	0.085 J	0.65 U	0.72 U	1.1	1600 U	-	0.26 U	74 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.37 J	40 U	0.37 U	0.65 U	0.98	0.8 U	1600 U	-	0.26 U	74 U
bis(2-Chloroethoxy)methane	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
bis(2-Chloroethyl)ether	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.22 U	0.24 U	480 U	-	0.08 U	22 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.55 J	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Butyl benzylphthalate (BBP)	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Caprolactam	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Carbazole	mg/kg	2.1 J ⁱ	12 J ⁱ	0.016 J	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Chrysene	mg/kg	10	41	0.18 J	0.65 U	0.72 U	2.3	1600 U	-	0.26 U	74 U
Dibenz(a,h)anthracene	mg/kg	0.4 J	4.9 J	0.021 J	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Dibenzofuran	mg/kg	1.1 J	7 J ⁱ	0.37 U	0.65 U	1.1	1.1	1600 U	-	0.26 U	74 U
Diethyl phthalate	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Dimethyl phthalate	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Di-n-butylphthalate (DBP)	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1700 ^{dehij}	-	0.26 U	97 ⁱ
Di-n-octyl phthalate (DnOP)	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Fluoranthene	mg/kg	25 ⁱ	110 ⁱ	0.31 J	0.65 U	0.72 U	6 ⁱ	1600 U	-	0.26 U	74 U
Fluorene	mg/kg	2.4 J	12 J ⁱ	0.37 U	0.65 U	2.3	2.3	1600 U	-	0.26 U	74 U
Hexachlorobenzene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Hexachlorobutadiene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	240 U	-	0.04 U	11 U
Hexachlorocyclopentadiene	mg/kg	40 U	200 U	1.8 U	3.2 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Hexachloroethane	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Indeno(1,2,3-cd)pyrene	mg/kg	4.4 J	19 J	0.1 J	0.65 U	0.72 U	0.87	1600 U	-	0.26 U	74 U
Isophorone	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Naphthalene	mg/kg	1.6 J ⁱ	8.4 J ⁱ	0.37 U	0.19 J	3.7 ⁱ	1.1 ⁱ	1600 U	-	0.26 U	74 U
Nitrobenzene	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.43 U	0.48 U	1600 U	-	0.26 U	74 U
N-Nitrosodi-n-propylamine	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
N-Nitrosodiphenylamine	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Pentachlorophenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	1.7 U	1.9 U	900 U	-	0.15 U	42 U
Phenanthrene	mg/kg	17 ⁱ	95 ⁱ	0.17 J	0.041 J	4.7 ⁱ	11 ⁱ	1600 U	-	0.26 U	74 U
Phenol	mg/kg	8.3 U	40 U	0.37 U	0.65 U	0.72 U	0.8 U	1600 U	-	0.26 U	74 U
Pyrene	mg/kg	18	82	0.27 J	0.65 U	0.72 U	3.9	1600 U	-	0.26 U	74 U
Pyridine	mg/kg	-	-	-	-	0.72 U	-	-	-	-	-
Inorganics											
Aluminum	mg/kg	6200	6720	4660	4880	2180	4040	-	-	-	-
Antimony	mg/kg	30.5 J ^e	10.9 J ^e	2.5 J	0.99 UJ	4.96 ^e	402 ^{ei}	2.2	-	0.16 U	24.8 ^e
Arsenic	mg/kg	13.6 J ^{xei}	8.1 J ^{xei}	4.2 J	8.7 J ^{xei}	1.8 J	9.46 J ^{xei}	5.9 ^{xei}	-	0.57 J	1.1
Barium	mg/kg	746	1610 ^{xei}	119	63.7	7.79 J	823 J	214	-	25.7	129
Beryllium	mg/kg	0.39	0.40	0.28	0.40 U	0.22 UJ	0.24 U	0.20	-	0.35	0.14
Cadmium	mg/kg	83.1 J ^{xei}	46.3 J ^{xei}	9.7 J ^{xei}	0.39 J	0.146 J	15.2 J ^{xei}	29.6 ^{xei}	-	0.080 U	45.8 ^{xei}
Calcium	mg/kg	39000	43900	30700	4900	1100	14500	-	-	-	-
Chromium	mg/kg	66.7 J	72.8 J	31.6 J	12.3 J	16.5	226	36.8	-	13.8	235
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	10.2 ^{xei}	6.6	4.4	3.7	1.93	10.5 ^{xei}	2.4	-	3.7	6.4
Copper	mg/kg	63.4 J	64.4 J	17.6 J	9.2 J	4.95 J	231 J ^{xi}	201 ^{xi}	-	19.7	178 ^{xi}
Iron	mg/kg	23600 ^{xe}	12600 ^{xe}	8250	9600	4730	31000 ^{xe}	-	-	-	-
Lead	mg/kg	2500 ^{xde}	1240 ^{xde}	426	11.0	5.16	12000 ^{xdei}	444	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	13.0	1670 ^{xde}

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		SB22-02	SB22-04	SB22-05	SB22-05	TP19-03	TP19-04	TP-A6S	TP-A6S	TP-A6S2
Sample Depth:		8-10 ft BGS	7-9 ft BGS	9-10 ft BGS	11-13 ft BGS	1.5-11 ft BGS	-	2.5-2.5 ft BGS	6-6 ft BGS	9-9 ft BGS
Sample ID:		S-17303-051804-DCR-322	S-17303-051804-DCR-321	S-17303-051804-DCR-323	S-17303-051804-DCR-324	SO-17303-MA-060403-197	SO-17303-MA-060303-193	SL-17303-060905-BW-0761	ST-17303-060905-BW-0762	SO-17303-061305-BW-0772
Sample Date:		05/18/2004	05/18/2004	05/18/2004	05/18/2004	06/04/2003	06/03/2003	06/09/2005	06/09/2005	06/13/2005
Sample Type:										
Parameter:										
Units										
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	48.0
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	28.7
Magnesium	mg/kg	6360 J	8370 J	6900 J	1600 J	1060	8140	-	-	-
Manganese	mg/kg	342	283	2570 ^{xegi}	82.6	50.7	823 ^{xei}	120	-	51.3 J
Mercury	mg/kg	0.067 J	0.079 J	0.040 J	0.041 J	0.11 U	0.12 U	0.13	-	0.0098 J
Nickel	mg/kg	20.3	16.5	10.5	8.9	5.16	59.9	13.1	-	10.5
Potassium	mg/kg	2430	1030	536 J	989 U	224	287	-	-	-
Selenium	mg/kg	22.9 J ^{xei}	13.2 J ^{xei}	1.9 J ^{xi}	2.2 J ^{xi}	0.22 U	1.33 J ^{xi}	1.3 ^{xi}	-	0.18
Silver	mg/kg	0.83	0.67	0.15 J	0.99 U	0.54 UJ	1.3 J ^{xi}	0.74	-	0.051 J
Sodium	mg/kg	701	174	201	299	196 J	415 J	-	-	-
Thallium	mg/kg	0.31	0.20	0.13	0.081 J	3.88 ^e	19.1 ^{ei}	0.64	-	0.21
Vanadium	mg/kg	17.1	16.4	11.3	17.4	7.7	29.6	3.3	-	12.6
Zinc	mg/kg	9030 ^{ei}	990 ⁱ	2060 ⁱ	41.8	16.5	2350 ⁱ	963 ⁱ	-	46.5
Cyanide (total)	mg/kg	2.3 ⁱ	2 ⁱ	0.43 ⁱ	0.40 U	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	2.1 U	0.81 U	0.37 U	0.65 U	0.36 U	0.4 U	0.33 U	0.26 U	0.26 U
Aroclor-1221 (PCB-1221)	mg/kg	2.1 U	0.81 U	0.37 U	0.65 U	0.36 U	0.4 U	0.33 U	0.26 U	0.26 U
Aroclor-1232 (PCB-1232)	mg/kg	2.1 U	0.81 U	0.37 U	0.65 U	0.36 U	0.4 U	0.33 U	0.26 U	0.26 U
Aroclor-1242 (PCB-1242)	mg/kg	2.1 U	0.81 U	0.37 U	0.65 U	0.36 U	0.4 U	0.33 U	0.26 U	0.26 U
Aroclor-1248 (PCB-1248)	mg/kg	1.6 J	0.72 J	0.37 U	0.65 U	0.36 U	0.4 U	0.33 U	0.26 U	0.26 U
Aroclor-1254 (PCB-1254)	mg/kg	2.1 U	0.81 U	0.37 U	0.65 U	0.36 U	0.4 U	0.33 U	0.26 U	0.26 U
Aroclor-1260 (PCB-1260)	mg/kg	0.6 J	0.58 J	0.11 J	0.65 U	0.36 U	0.4 U	5.3	2.7	0.26 U
Total PCBs	mg/kg	2.2 J	1.3 J	0.11 J	0.65 U	0.36 U	0.4 U	5.3	2.7	0.26 U
General Chemistry										
Ignitability	Deg F	-	-	-	-	-	-	180 >	180 >	-
Percent moisture	%	-	-	-	-	7.8	17.1	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	7.5	9.1	-
Reactive cyanide	mg/kg	-	-	-	-	-	-	200 U	200 U	-
Reactive sulfide	mg/kg	-	-	-	-	-	-	500 U	500 U	-
Total solids	%	79.6	81.5	89.8	50.6	-	-	95.7	89.8	97.3 / 97.9 / 78.8

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	Unknown	Unknown	Unknown	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	
Sample Location:	TP-L	TP-A31-DRM1	TP-A31-DRM2	TP-A31-DRM4	MW19-35	MW19-35	MW19-36	MW19-36	MW19-36	MW19-37	
Sample Depth:	3-3 ft BGS	2.5-2.5 ft BGS	3-3 ft BGS	5.5-5.5 ft BGS	0-2 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	3.5-4.75 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	
Sample ID:	SO-17303-060805-BW-0759	SO-17303-061005-BW-0764	SO-17303-061005-BW-0765	SO-17303-061105-BW-0768	SO-17303-020912-CB-028	SO-17303-020912-CB-029	SO-17303-020912-CB-030	SO-17303-020912-CB-032	SO-17303-020912-CB-031	SO-17303-020912-CB-033	
Sample Date:	06/08/2005	06/10/2005	06/10/2005	06/11/2005	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	
Sample Type:											
Parameter:	Units										
VOCs											
1,1,1-Trichloroethane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,1,2,2-Tetrachloroethane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,1,2-Trichloroethane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,1-Dichloroethane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,1-Dichloroethene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,2,4-Trichlorobenzene	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
1,2-Dichlorobenzene	mg/kg	1.9 U	2000 U	1700 U	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
1,2-Dichloroethane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
1,3-Dichlorobenzene	mg/kg	1.9 U	2000 U	1700 U	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
1,3-Dichloropropene	mg/kg	-	-	-	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
1,4-Dichlorobenzene	mg/kg	1.9 U	2000 U	1700 U	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	14 U	15000 U	13000 U	-	0.66 U	1.1 U	0.9 U	1.6 U	0.72 U	0.65 U
2-Hexanone	mg/kg	47 U	49000 U	42000 U	-	2.2 U	3.7 U	3 U	5.3 U	2.4 U	2.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	47 U	49000 U	42000 U	-	2.2 U	3.7 U	3 U	5.3 U	2.4 U	2.2 U
Acetone	mg/kg	14 U	15000 U	13000 U	-	0.66 U	1.1 U	0.9 U	1.6 U	0.72 U	0.65 U
Benzene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.035 J	0.06 U	0.11 U	0.048 U	0.043 U
Bromodichloromethane	mg/kg	1.9 UJ	2000 U	1700 U	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
Bromoform	mg/kg	1.9 U	2000 U	1700 U	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
Bromomethane (Methyl bromide)	mg/kg	3.8 U	4000 U	3400 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Carbon disulfide	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Carbon tetrachloride	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Chlorobenzene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Chloroethane	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Chloroform (Trichloromethane)	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Chloromethane (Methyl chloride)	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
cis-1,2-Dichloroethene	mg/kg	0.58 J	2600 ^{bcd} efhij	1700 ^{bcd} efhij	-	0.044 U	0.42	0.06 U	0.11 U	0.048 U	0.043 U
cis-1,3-Dichloropropene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Cyclohexane	mg/kg	23 U	24000 U	20000 U	-	1.1 U	1.8 U	1.4 U	2.5 U	1.2 U	1 U
Dibromochloromethane	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Dichlorodifluoromethane (CFC-12)	mg/kg	1.9 U	2000 U	1700 U	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
Ethylbenzene	mg/kg	0.94 U	320 ^j defhij	840 U	-	0.044 U	0.019 J	0.06 U	0.11 U	0.048 U	0.043 U
Isopropyl benzene	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Methyl acetate	mg/kg	23 U	24000 U	20000 U	-	1.1 U	1.8 U	1.4 U	2.5 U	1.2 U	1 U
Methyl cyclohexane	mg/kg	23 U	24000 U	20000 U	-	1.1 U	1.8 U	0.02 J	2.5 U	1.2 U	1 U
Methyl tert butyl ether (MTBE)	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Methylene chloride	mg/kg	R	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Styrene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Tetrachloroethene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Toluene	mg/kg	1.9 U	1400 ^j defhij	720 ^j defhij	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
trans-1,2-Dichloroethene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.052 J	0.06 U	0.11 U	0.048 U	0.043 U
trans-1,3-Dichloropropene	mg/kg	0.94 U	990 U	840 U	-	0.044 U	0.074 U	0.06 U	0.11 U	0.048 U	0.043 U
Trichloroethene	mg/kg	5 ^{ei}	30000 ^{bcd} efhij	28000 ^{bcd} efhij	-	0.044 U	0.18 ^e	0.06 U	0.45 ^e	0.048 U	0.043 U
Trichlorofluoromethane (CFC-11)	mg/kg	1.9 U	2000 U	1700 U	-	0.088 U	0.15 U	0.12 U	0.21 U	0.097 U	0.087 U
Trifluorotrichloroethane (Freon 113)	mg/kg	4.7 U	4900 U	4200 U	-	0.22 U	0.37 U	0.3 U	0.53 U	0.24 U	0.22 U
Vinyl chloride	mg/kg	0.75 U	790 U	670 U	-	0.035 U	0.059 U	0.048 U	0.084 U	0.039 U	0.035 U
Xylenes (total)	mg/kg	2.8 U	2400 ^j defhij	830 ^j defhij	-	0.13 U	0.098 J	0.18 U	0.32 U	0.14 U	0.13 U
SVOCs											
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2,4,5-Trichlorophenol	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 TP-L 3-3 ft BGS SO-17303-060805-BW-0759 06/08/2005	Unknown TP-A31-DRM1 2.5-2.5 ft BGS SO-17303-061005-BW-0764 06/10/2005	Unknown TP-A31-DRM2 3-3 ft BGS SO-17303-061005-BW-0765 06/10/2005	Unknown TP-A31-DRM4 5.5-5.5 ft BGS SO-17303-061105-BW-0768 06/11/2005	PAOC 29 MW19-35 0-2 ft BGS SO-17303-020912-CB-028 02/09/2012	PAOC 29 MW19-35 7.5-9.5 ft BGS SO-17303-020912-CB-029 02/09/2012	PAOC 29 MW19-36 0-2 ft BGS SO-17303-020912-CB-030 02/09/2012	PAOC 29 MW19-36 3.5-4.75 ft BGS SO-17303-020912-CB-032 02/09/2012	PAOC 29 MW19-36 7.5-9.5 ft BGS SO-17303-020912-CB-031 02/09/2012	PAOC 29 MW19-37 0-2 ft BGS SO-17303-020912-CB-033 02/09/2012
	Units										
2,4,6-Trichlorophenol	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2,4-Dichlorophenol	mg/kg	4.6 U	460 UJ	66 UJ	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2,4-Dimethylphenol	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2,4-Dinitrophenol	mg/kg	2.6 U	260 U	38 U	-	1.7 U	0.41 U	1.8 U	5.9 U	0.16 U	4.1 U
2,4-Dinitrotoluene	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2,6-Dinitrotoluene	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2-Chloronaphthalene	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2-Chlorophenol	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2-Methylnaphthalene	mg/kg	4.6 U	100 J ⁱ	54 J ⁱ	-	2.9 U	0.25 J	3.2 U	10 U	0.29 U	7.2 U
2-Methylphenol	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
2-Nitroaniline	mg/kg	3.5 U	350 U	50 U	-	2.2 U	0.54 U	2.4 U	7.8 U	0.22 U	5.4 U
2-Nitrophenol	mg/kg	4.6 U	460 UJ	66 UJ	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
3&4-Methylphenol	mg/kg	-	-	-	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
3,3'-Dichlorobenzidine	mg/kg	28 U	2800 U	400 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
3-Nitroaniline	mg/kg	3.5 U	350 U	50 U	-	2.2 U	0.54 U	2.4 U	7.8 U	0.22 U	5.4 U
4,6-Dinitro-2-methylphenol	mg/kg	2.6 U	260 U	38 U	-	2.2 U	0.54 U	2.4 U	7.8 U	0.22 U	5.4 U
4-Bromophenyl phenyl ether	mg/kg	4.6 U	460 U	66 U	-	1.7 U	0.41 U	1.8 U	5.9 U	0.16 U	4.1 U
4-Chloro-3-methylphenol	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
4-Chloroaniline	mg/kg	2.6 U	260 U	38 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U
4-Chlorophenyl phenyl ether	mg/kg	4.6 U	460 U	66 U	-	2.2 U	0.54 U	2.4 U	7.8 U	0.22 U	5.4 U
4-Methylphenol	mg/kg	4.6 U	460 U	66 U	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	3.5 U	350 U	50 U	-	2.2 U	0.54 U	2.4 U	7.8 U	0.22 U	5.4 U
4-Nitrophenol	mg/kg	5.8 U	580 U	82 U	-	3.7 U	0.89 U	4 U	13 U	0.36 U	9 U
Acenaphthene	mg/kg	4.6 U	81 J ⁱ	55 J ⁱ	-	0.47 J	1.7	0.14 J	1.5 J	0.29 U	0.79 J
Acenaphthylene	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.052 J	0.059 J	10 U	0.29 U	0.094 J
Acetophenone	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.16 J	3.2 U	10 U	0.29 U	7.2 U
Anthracene	mg/kg	4.6 U	44 J ^{eh}	42 J ^{eh}	-	1.3 J	0.42 J	0.36 J	3.4 J	0.0052 J	3.8 J
Atrazine	mg/kg	0.7 U	70 U	10 U	-	0.45 U	0.11 U	0.48 U	1.6 U	0.044 U	1.1 U
Benzaldehyde	mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	0.29 U	7.2 U

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	Unknown	Unknown	Unknown	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		TP-L	TP-A31-DRM1	TP-A31-DRM2	TP-A31-DRM4	MW19-35	MW19-35	MW19-36	MW19-36	MW19-36	MW19-37
Sample Depth:		3-3 ft BGS	2.5-2.5 ft BGS	3-3 ft BGS	5.5-5.5 ft BGS	0-2 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	3.5-4.75 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS
Sample ID:		SO-17303-060805-BW-0759	SO-17303-061005-BW-0764	SO-17303-061005-BW-0765	SO-17303-061105-BW-0768	SO-17303-020912-CB-028	SO-17303-020912-CB-029	SO-17303-020912-CB-030	SO-17303-020912-CB-032	SO-17303-020912-CB-031	SO-17303-020912-CB-033
Sample Date:		06/08/2005	06/10/2005	06/10/2005	06/11/2005	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012
Sample Type:											
Parameter:		Units									
Benzo(a)anthracene		mg/kg	4.6 U	36 J	29 J	-	3.8	1.2	1.7 J	10	21
Benzo(a)pyrene		mg/kg	4.6 U	460 U	25 J ^d	-	3.7	1.5	2 J	8.9 J ^d	23 ^d
Benzo(b)fluoranthene		mg/kg	0.51 J	33 J	31 J	-	4.8	1.9	2.8 J	12	32
Benzo(g,h,i)perylene		mg/kg	4.6 U	460 U	15 J	-	2.4 J	1.1	1.3 J	4.7 J	15
Benzo(k)fluoranthene		mg/kg	4.6 U	460 U	13 J	-	1.9 J	0.77	0.98 J	3.9 J	13
Biphenyl (1,1-Biphenyl)		mg/kg	4.6 U	460 U	13 J	-	2.9 U	0.13 J	3.2 U	10 U	7.2 U
bis(2-Chloroethoxy)methane		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
bis(2-Chloroethyl)ether		mg/kg	1.4 U	140 U	20 U	-	0.89 U	0.22 U	0.96 U	3.1 U	2.2 U
bis(2-Ethylhexyl)phthalate (DEHP)		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.083 J	3.2 U	10 U	7.2 U
Butyl benzylphthalate (BBP)		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Caprolactam		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Carbazole		mg/kg	4.6 U	460 U	24 J ⁱ	-	0.51 J	0.19 J	3.2 U	1.6 J ⁱ	0.94 J
Chrysene		mg/kg	0.94 J	35 J	36 J	-	4	1.3	1.9 J	10	21
Dibenz(a,h)anthracene		mg/kg	4.6 U	460 U	66 U	-	0.59 J	0.22 J	0.32 J	1.2 J	2.7 J
Dibenzofuran		mg/kg	4.6 U	78 J ⁱ	54 J ⁱ	-	0.15 J	0.35 J	3.2 U	0.73 J	0.5 J
Diethyl phthalate		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Dimethyl phthalate		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Di-n-butylphthalate (DBP)		mg/kg	4.6 U	15000 ^{dehij}	110 ⁱ	-	2.9 U	0.1 J	3.2 U	10 U	7.2 U
Di-n-octyl phthalate (DnOP)		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Fluoranthene		mg/kg	0.73 J	140 J ⁱ	110 ⁱ	-	11 ⁱ	2.7	3.4	28 ⁱ	43 ⁱ
Fluorene		mg/kg	4.6 U	61 J ⁱ	45 J ⁱ	-	0.42 J	0.45 J	0.11 J	1.7 J	0.79 J
Hexachlorobenzene		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Hexachlorobutadiene		mg/kg	0.7 U	70 U	10 U	-	0.45 U	0.11 U	0.48 U	1.6 U	1.1 U
Hexachlorocyclopentadiene		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Hexachloroethane		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Indeno(1,2,3-cd)pyrene		mg/kg	4.6 U	460 U	12 J	-	2 J	0.89	1.2 J	4.4 J	13
Isophorone		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Naphthalene		mg/kg	4.6 U	670 J ^{bcefi}	390 J ^{bcei}	-	2.9 U	0.3 J	0.069 J	0.3 J	0.14 J
Nitrobenzene		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
N-Nitrosodi-n-propylamine		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
N-Nitrosodiphenylamine		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Pentachlorophenol		mg/kg	2.6 U	260 U	38 U	-	1.7 U	0.41 U	1.8 U	5.9 U	4.1 U
Phenanthrene		mg/kg	4.6 U	280 J ^{bcei}	210 ^{bcei}	-	5.8 ⁱ	1.8	1.4 J	18 ⁱ	15 ⁱ
Phenol		mg/kg	4.6 U	460 U	66 U	-	2.9 U	0.72 U	3.2 U	10 U	7.2 U
Pyrene		mg/kg	0.75 J	97 J	78	-	8.4	2.1	2.5 J	19	31
Pyridine		mg/kg	-	-	-	-	-	-	-	-	-
Inorganics											
Aluminum		mg/kg	-	-	-	-	-	-	-	-	-
Antimony		mg/kg	42.7 ^e	3160 ^{dei}	656 ^{ei}	-	0.72 J	250 J ^{ei}	21 J ^e	21 J ^e	3.3 J
Arsenic		mg/kg	10.7 ^{xei}	8.2 J ^{xei}	4.0 J	-	8.8 ^{xei}	19 ^{xei}	15 ^{xei}	32 ^{xei}	4.5
Barium		mg/kg	985	5370 ^{xei}	1640 ^{xei}	-	62	1800 ^{xei}	1200	1300 ^{xi}	130
Beryllium		mg/kg	0.26	0.13 J	0.13 J	-	0.24	0.28	0.55	0.37	0.32
Cadmium		mg/kg	153 ^{xei}	22 ^{xei}	8.7 ^{xei}	-	2.0	100 ^{xei}	7.8 ^{xei}	10 ^{xei}	3.7
Calcium		mg/kg	-	-	-	-	-	-	-	-	-
Chromium		mg/kg	16600	4140	2470	-	11	770	93	180	18
Chromium III (trivalent)		mg/kg	-	-	-	-	9.9	770	92	180	16
Chromium VI (hexavalent)		mg/kg	-	-	-	-	1.4	0.45 J	1.2	1.3	1.2
Cobalt		mg/kg	104 ^{xei}	45.9 ^{xei}	14.5 ^{xei}	-	2.0	34 ^{xei}	8.7 ^{xei}	39 ^{xei}	3.4
Copper		mg/kg	108	113	223 ^{xi}	-	13	15000 ^{xei}	500 ^{xi}	1600 ^{xi}	82
Iron		mg/kg	-	-	-	-	-	-	-	-	-
Lead		mg/kg	-	-	-	-	--	--	--	6.5	--
Lead - coarse fraction		mg/kg	65800 ^{xdegi}	709 ^{xe}	687	-	52	35000 ^{xdei}	1400 ^{de}	760 ^{xe}	310

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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 TP-L 3-3 ft BGS SO-17303-060805-BW-0759 06/08/2005	Unknown TP-A31-DRM1 2.5-2.5 ft BGS SO-17303-061005-BW-0764 06/10/2005	Unknown TP-A31-DRM2 3-3 ft BGS SO-17303-061005-BW-0765 06/10/2005	Unknown TP-A31-DRM4 5.5-5.5 ft BGS SO-17303-061105-BW-0768 06/11/2005	PAOC 29 MW19-35 0-2 ft BGS SO-17303-020912-CB-028 02/09/2012	PAOC 29 MW19-35 7.5-9.5 ft BGS SO-17303-020912-CB-029 02/09/2012	PAOC 29 MW19-36 0-2 ft BGS SO-17303-020912-CB-030 02/09/2012	PAOC 29 MW19-36 3.5-4.75 ft BGS SO-17303-020912-CB-032 02/09/2012	PAOC 29 MW19-36 7.5-9.5 ft BGS SO-17303-020912-CB-031 02/09/2012	PAOC 29 MW19-37 0-2 ft BGS SO-17303-020912-CB-033 02/09/2012
Lead - fine fraction	mg/kg	71600 ^{xdegi}	798 ^{xe}	650	-	110	15000 ^{xdei}	1300 ^{xde}	1300 ^{xde}	--	620
Lead - total (calculated by fine/coarse fraction)	mg/kg	69200 ^{xdegi}	743 ^{xe}	691	-	68	2700 ^{xdei}	1400 ^{xde}	910 ^{xde}	--	410
Magnesium	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	270	103 J	77.2 J	-	220	1800 ^{xegi}	830 ^{xei}	930 ^{xei}	60	400
Mercury	mg/kg	0.17 ^{xi}	0.1	0.31 ^{xi}	-	0.040 J	0.12	0.28 ^{xi}	0.36 ^{xi}	0.021 J	0.12
Nickel	mg/kg	14.5	13.0	15.0	-	6.4	370 ^{xei}	57	85	5.0	15
Potassium	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	42.2 ^{xei}	0.88 ^{xi}	0.5 ^{xi}	-	0.50 ^{xi}	1.4 ^{xi}	1.1 ^{xi}	0.91 ^{xi}	0.22	0.46 ^{xi}
Silver	mg/kg	1.5 ^{xi}	0.27 J	0.16 J	-	0.11	83 ^{xei}	1.4 ^{xi}	5.9 ^{xi}	0.083 U	0.24
Sodium	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	0.096	0.22 J	0.12	-	0.083 U	0.54 U	0.14	0.25	0.083 U	0.10
Vanadium	mg/kg	24.0	5.1	6.2	-	9.6	24	25	66	9.1	11
Zinc	mg/kg	8570 ^{ei}	5900 ^{ei}	1800 ⁱ	-	59	4200 ⁱ	1000 ⁱ	1400 ⁱ	18	160
Cyanide (total)	mg/kg	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	1.6 U	2.6 U	2.6 U	0.26 U	0.29 U	0.36 U	0.4 U	0.51 U	0.29 U	0.29 U
Aroclor-1221 (PCB-1221)	mg/kg	1.6 U	2.6 U	2.6 U	0.26 U	0.29 U	0.36 U	0.4 U	0.51 U	0.29 U	0.29 U
Aroclor-1232 (PCB-1232)	mg/kg	1.6 U	2.6 U	2.6 U	0.26 U	0.29 U	0.36 U	0.4 U	0.51 U	0.29 U	0.29 U
Aroclor-1242 (PCB-1242)	mg/kg	1.6 U	2.6 U	2.6 U	0.26 U	0.29 U	0.36 U	0.4 U	0.51 U	0.29 U	0.29 U
Aroclor-1248 (PCB-1248)	mg/kg	1.6 U	2.6 U	0.95 J	0.6	0.29 U	0.36 U	0.4 U	0.51 U	0.29 U	0.29 U
Aroclor-1254 (PCB-1254)	mg/kg	1.6 U	2.6 U	2.6 U	0.26 U	0.19 J	0.36 U	0.4 U	0.51 U	0.29 U	0.29 U
Aroclor-1260 (PCB-1260)	mg/kg	1.6 U	3.3	4.7	1.1	0.29 U	0.062 J	0.71	0.77	0.29 U	0.053 J
Total PCBs	mg/kg	1.6 U	3.3	5.6	1.7	0.19	0.062	0.71	0.77	0.29 U	0.053
General Chemistry											
Ignitability	Deg F	-	83	110	180 >	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	6.6	7.4	6.6	-	-	-	-	-	-
Reactive cyanide	mg/kg	-	200 U	200 U	200 U	-	-	-	-	-	-
Reactive sulfide	mg/kg	-	500 U	500 U	500 U	-	-	-	-	-	-
Total solids	%	64.3 / 96.6 / 96.6	58.0 / 97.3 / 97.4	97.8 / 67.8 / 97.2	72.0	-	-	-	-	-	-

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Depth:	MW19-37	MW19-37	MW19-38	MW19-38	MW19-38	MW19-39	MW19-39	MW19-39	MW19-39	SB19-52	SB19-53	SB19-54
Sample ID:	2-2.25 ft BGS	7.5-9.5 ft BGS	0-2 ft BGS	0-2 ft BGS	5-7 ft BGS	0-2 ft BGS	8-10 ft BGS	8-10 ft BGS	8-10 ft BGS	0-2 ft BGS	1-3 ft BGS	7-9 ft BGS
Sample Date:	ST-17303-020912-CB-041	SO-17303-020912-CB-034	SO-17303-020912-CB-035	SO-17303-020912-CB-040	SO-17303-020912-CB-036	SO-17303-020912-CB-037	SO-17303-020912-CB-038	SO-17303-020912-CB-039	SO-17303-020912-CB-039	SO-17303-020712-CB-012	SO-17303-020712-CB-011	SO-17303-020712-CB-009
Sample Type:	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/09/2012	02/07/2012	02/07/2012
Parameter:	Duplicate											
Units												
VOCs												
1,1,1-Trichloroethane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,1,2,2-Tetrachloroethane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,1,2-Trichloroethane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,1-Dichloroethane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,1-Dichloroethene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,2,4-Trichlorobenzene	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.049 J	0.21 U	0.24 U	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
1,2-Dichlorobenzene	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
1,2-Dichloroethane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,2-Dichloroethene (total)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
1,3-Dichlorobenzene	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
1,3-Dichloropropene	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.95 U	0.67 U	0.69 U	0.67 U	0.68 U	0.81 U	0.62 U	0.71 U	--	--	--
2-Hexanone	mg/kg	3.2 U	2.2 U	2.3 U	2.2 U	2.3 U	2.7 U	2.1 U	2.4 U	--	--	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	3.2 U	2.2 U	2.3 U	2.2 U	2.3 U	2.7 U	2.1 U	2.4 U	--	--	--
Acetone	mg/kg	0.95 U	0.67 U	0.69 U	0.67 U	0.68 U	0.81 U	0.62 U	0.71 U	--	--	--
Benzene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Bromodichloromethane	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
Bromoform	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
Bromomethane (Methyl bromide)	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Carbon disulfide	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Carbon tetrachloride	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Chlorobenzene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Chloroethane	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Chloroform (Trichloromethane)	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Chloromethane (Methyl chloride)	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
cis-1,2-Dichloroethene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
cis-1,3-Dichloropropene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Cyclohexane	mg/kg	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1 U	1.1 U	--	--	--
Dibromochloromethane	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Dichlorodifluoromethane (CFC-12)	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
Ethylbenzene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.02 J	0.042 U	0.047 U	--	--	--
Isopropyl benzene	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Methyl acetate	mg/kg	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	1.3 U	1 U	1.1 U	--	--	--
Methyl cyclohexane	mg/kg	1.5 U	1.1 U	1.1 U	1.1 U	1.1 U	0.027 J	1 U	1.1 U	--	--	--
Methyl tert butyl ether (MTBE)	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Methylene chloride	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Styrene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Tetrachloroethene	mg/kg	0.063 U	0.044 U	0.063	0.093	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Toluene	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
trans-1,2-Dichloroethene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
trans-1,3-Dichloropropene	mg/kg	0.063 U	0.044 U	0.046 U	0.045 U	0.045 U	0.054 U	0.042 U	0.047 U	--	--	--
Trichloroethene	mg/kg	0.016 J	0.044 U	0.027 J	0.097	0.045 U	0.22 ^e	0.27 ^e	0.31 ^e	--	--	--
Trichlorofluoromethane (CFC-11)	mg/kg	0.13 U	0.089 U	0.092 U	0.09 U	0.09 U	0.11 U	0.083 U	0.095 U	--	--	--
Trifluorotrichloroethane (Freon 113)	mg/kg	0.32 U	0.22 U	0.23 U	0.22 U	0.23 U	0.27 U	0.21 U	0.24 U	--	--	--
Vinyl chloride	mg/kg	0.05 U	0.036 U	0.037 U	0.036 U	0.036 U	0.043 U	0.033 U	0.038 U	--	--	--
Xylenes (total)	mg/kg	0.19 U	0.13 U	0.14 U	0.13 U	0.14 U	0.094 J	0.12 U	0.14 U	--	--	--
SVOCs												
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2,4,5-Trichlorophenol	mg/kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-37 2-2.25 ft BGS ST-17303-020912-CB-041 02/09/2012	PAOC 29 MW19-37 7.5-9.5 ft BGS SO-17303-020912-CB-034 02/09/2012	PAOC 29 MW19-38 0-2 ft BGS SO-17303-020912-CB-035 02/09/2012	PAOC 29 MW19-38 0-2 ft BGS SO-17303-020912-CB-040 02/09/2012 Duplicate	PAOC 29 MW19-38 5-7 ft BGS SO-17303-020912-CB-036 02/09/2012	PAOC 29 MW19-39 0-2 ft BGS SO-17303-020912-CB-037 02/09/2012	PAOC 29 MW19-39 8-10 ft BGS SO-17303-020912-CB-038 02/09/2012	PAOC 29 MW19-39 8-10 ft BGS SO-17303-020912-CB-039 02/09/2012 Duplicate	PAOC 29 SB19-52 0-2 ft BGS SO-17303-020712-CB-012 02/07/2012	PAOC 29 SB19-53 1-3 ft BGS SO-17303-020712-CB-011 02/07/2012	PAOC 29 SB19-54 7-9 ft BGS SO-17303-020712-CB-009 02/07/2012
	Units											
2,4,6-Trichlorophenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2,4-Dichlorophenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2,4-Dimethylphenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2,4-Dinitrophenol	mg/ kg	67 U	0.33 U	1.7 U	0.35 U	R	1.8 U	34 U	8.4 U	--	--	--
2,4-Dinitrotoluene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2,6-Dinitrotoluene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2-Chloronaphthalene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2-Chlorophenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2-Methylnaphthalene	mg/ kg	120 U	0.59 U	0.14 J	0.027 J	0.29 U	3.2 U	3.6 J	0.37 J	--	--	--
2-Methylphenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
2-Nitroaniline	mg/ kg	90 U	0.44 U	2.3 U	0.47 U	0.22 U	2.4 U	45 U	11 U	--	--	--
2-Nitrophenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
3&4-Methylphenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
3,3'-Dichlorobenzidine	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
3-Nitroaniline	mg/ kg	90 U	0.44 U	2.3 U	0.47 U	0.22 U	2.4 U	45 U	11 U	--	--	--
4,6-Dinitro-2-methylphenol	mg/ kg	90 U	0.44 U	2.3 U	0.47 U	R	2.4 U	45 U	11 U	--	--	--
4-Bromophenyl phenyl ether	mg/ kg	67 U	0.33 U	1.7 U	0.35 U	0.16 U	1.8 U	34 U	8.4 U	--	--	--
4-Chloro-3-methylphenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
4-Chloroaniline	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
4-Chlorophenyl phenyl ether	mg/ kg	90 U	0.44 U	2.3 U	0.47 U	0.22 U	2.4 U	45 U	11 U	--	--	--
4-Methylphenol	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/ kg	90 U	0.44 U	2.3 U	0.47 U	0.22 U	2.4 U	45 U	11 U	--	--	--
4-Nitrophenol	mg/ kg	150 U	0.73 U	3.7 U	0.77 U	0.36 U	3.9 U	75 U	19 U	--	--	--
Acenaphthene	mg/ kg	2.5 J	0.021 J	1.3 J	0.05 J	0.29 U	3.2 U	29 J ⁱ	2.6 J	--	--	--
Acenaphthylene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	0.37 J	--	--	--
Acetophenone	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Anthracene	mg/ kg	32 J	0.28 J	2 J	0.18 J	0.0049 J	0.17 J	48 J ^{eh}	5.5 J	--	--	--
Atrazine	mg/ kg	18 U	0.089 U	0.45 U	0.093 U	0.044 U	0.48 U	9.1 U	2.2 U	--	--	--
Benzaldehyde	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-37 2-2.25 ft BGS ST-17303-020912-CB-041 02/09/2012	PAOC 29 MW19-37 7.5-9.5 ft BGS SO-17303-020912-CB-034 02/09/2012	PAOC 29 MW19-38 0-2 ft BGS SO-17303-020912-CB-035 02/09/2012	PAOC 29 MW19-38 0-2 ft BGS SO-17303-020912-CB-040 02/09/2012 Duplicate	PAOC 29 MW19-38 5-7 ft BGS SO-17303-020912-CB-036 02/09/2012	PAOC 29 MW19-39 0-2 ft BGS SO-17303-020912-CB-037 02/09/2012	PAOC 29 MW19-39 8-10 ft BGS SO-17303-020912-CB-038 02/09/2012	PAOC 29 MW19-39 8-10 ft BGS SO-17303-020912-CB-039 02/09/2012 Duplicate	PAOC 29 SB19-52 0-2 ft BGS SO-17303-020712-CB-012 02/07/2012	PAOC 29 SB19-53 1-3 ft BGS SO-17303-020712-CB-011 02/07/2012	PAOC 29 SB19-54 7-9 ft BGS SO-17303-020712-CB-009 02/07/2012
	Units											
Benzo(a)anthracene	mg/ kg	330 ^d	1.6	4.8	1.1	0.012 J	1.5 J	120 ^d	21	--	--	--
Benzo(a)pyrene	mg/ kg	430 ^d	1.8	4.6	1.2	0.0091 J	2 J	100 ^d	19 ^d	--	--	--
Benzo(b)fluoranthene	mg/ kg	540 ^d	2.3	5.8	1.7	0.014 J	2.8 J	130 ^d	25	--	--	--
Benzo(g,h,i)perylene	mg/ kg	320	1.4	2.7 J	0.95	0.29 U	1.4 J	70	14 J	--	--	--
Benzo(k)fluoranthene	mg/ kg	260	1.1	2.5 J	0.48 J	0.0077 J	0.96 J	58 J	12 J	--	--	--
Biphenyl (1,1-Biphenyl)	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
bis(2-Chloroethoxy)methane	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
bis(2-Chloroethyl)ether	mg/ kg	36 U	0.18 U	0.9 U	0.19 U	0.088 U	0.96 U	18 U	4.5 U	--	--	--
bis(2-Ethylhexyl)phthalate (DEHP)	mg/ kg	120 U	0.06 J	3 U	0.18 J	0.036 J	3.2 U	60 U	15 U	--	--	--
Butyl benzylphthalate (BBP)	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Caprolactam	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Carbazole	mg/ kg	19 ^j	0.1 J	0.96 J	0.083 J	0.29 U	3.2 U	30 ^j	1.9 ^j	--	--	--
Chrysene	mg/ kg	330	1.6	4.8	1	0.016 J	1.7 J	120	22	--	--	--
Dibenz(a,h)anthracene	mg/ kg	68 ^j	0.31 J	0.44 J	0.24 J	0.29 U	0.23 J	15 ^d	3.3 J	--	--	--
Dibenzofuran	mg/ kg	2.5 ^j	0.033 J	0.53 J	0.052 J	0.29 U	3.2 U	19 ^j	1.2 J	--	--	--
Diethyl phthalate	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Dimethyl phthalate	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Di-n-butylphthalate (DBP)	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Di-n-octyl phthalate (DnOP)	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Fluoranthene	mg/ kg	510 ⁱ	3	12 ⁱ	1.9	0.039 J	2.2 J	370 ⁱ	53 ⁱ	--	--	--
Fluorene	mg/ kg	3.6 J	0.59 U	0.8 J	0.034 J	0.29 U	3.2 U	31 ^j	2.5 J	--	--	--
Hexachlorobenzene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Hexachlorobutadiene	mg/ kg	18 U	0.089 U	0.45 U	0.093 U	0.044 U	0.48 U	9.1 U	2.2 U	--	--	--
Hexachlorocyclopentadiene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Hexachloroethane	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Indeno(1,2,3-cd)pyrene	mg/ kg	260 ^d	1.1	2.5 J	0.81	0.006 J	1.2 J	57 J	11 J	--	--	--
Isophorone	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Naphthalene	mg/ kg	120 U	0.59 U	0.34 J	0.072 J	0.29 U	0.058 J	7.8 ^j	0.33 J	--	--	--
Nitrobenzene	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
N-Nitrosodi-n-propylamine	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
N-Nitrosodiphenylamine	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Pentachlorophenol	mg/ kg	67 U	0.33 U	1.7 U	0.35 U	R	1.8 U	34 U	8.4 U	--	--	--
Phenanthrene	mg/ kg	150 ⁱ	1.5	8.9 ⁱ	0.87	0.028 J	0.61 J	310 ^{bcei}	30 ⁱ	--	--	--
Phenol	mg/ kg	120 U	0.59 U	3 U	0.62 U	0.29 U	3.2 U	60 U	15 U	--	--	--
Pyrene	mg/ kg	430	2.1	9.2	1.5	0.028 J	1.8 J	270	40	--	--	--
Pyridine	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Inorganics												
Aluminum	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/ kg	1.3 J	0.093 J	1.1 J	0.85 J	0.063 J	40 ^j	0.21 J	0.19 J	--	--	--
Arsenic	mg/ kg	8.6 ^{xei}	2.9	4.3	4.9	1.8	14 ^{xei}	4.2	4.4	--	--	--
Barium	mg/ kg	110	11	77	65	8.8	1700 ^{xei}	37	40	--	--	--
Beryllium	mg/ kg	0.42	0.13 J	0.25	0.31	0.14 J	0.32	0.23	0.21	--	--	--
Cadmium	mg/ kg	2.7	0.20	3.2	1.8	0.17	31 ^{xei}	1.4	0.90	--	--	--
Calcium	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/ kg	28	5.7	26	13	7.0	94	10	11	63	620	26
Chromium III (trivalent)	mg/ kg	27	5.7	25	13	6.4	89	9.6	9.6	61	340	24
Chromium VI (hexavalent)	mg/ kg	1.1	0.89 U	0.57 J	0.94 U	0.67 J	4.8 ⁱ	0.63 J	0.92	2.8	280 ^{gei}	1.9
Cobalt	mg/ kg	4.6	2.3	3.8	4.2	2.3	8.2 ^{xei}	3.6	3.2	--	--	--
Copper	mg/ kg	180 ^{xi}	7.5	33	31	4.9	210 ^{xi}	30	29	--	--	--
Iron	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/ kg	41	7.6	--	70	3.2	--	10	10	--	--	--
Lead - coarse fraction	mg/ kg	--	--	67	--	--	4500 ^{xde}	--	--	--	--	--

PAOC 29 - SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-37 2-2.25 ft BGS ST-17303-020912-CB-041 02/09/2012	PAOC 29 MW19-37 7.5-9.5 ft BGS SO-17303-020912-CB-034 02/09/2012	PAOC 29 MW19-38 0-2 ft BGS SO-17303-020912-CB-035 02/09/2012	PAOC 29 MW19-38 0-2 ft BGS SO-17303-020912-CB-040 02/09/2012 Duplicate	PAOC 29 MW19-38 5-7 ft BGS SO-17303-020912-CB-036 02/09/2012	PAOC 29 MW19-39 0-2 ft BGS SO-17303-020912-CB-037 02/09/2012	PAOC 29 MW19-39 8-10 ft BGS SO-17303-020912-CB-038 02/09/2012	PAOC 29 MW19-39 8-10 ft BGS SO-17303-020912-CB-039 02/09/2012 Duplicate	PAOC 29 SB19-52 0-2 ft BGS SO-17303-020712-CB-012 02/07/2012	PAOC 29 SB19-53 1-3 ft BGS SO-17303-020712-CB-011 02/07/2012	PAOC 29 SB19-54 7-9 ft BGS SO-17303-020712-CB-009 02/07/2012
	Units											
Lead - fine fraction	mg/ kg	--	--	70	--	--	2100 ^{xde}	--	--	--	--	--
Lead - total (calculated by fine/coarse fraction)	mg/ kg	--	--	69	--	--	3300 ^{xde}	--	--	--	--	--
Magnesium	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/ kg	670 ^{xci}	190	650 ^{xci}	330	130	430	260	250	--	--	--
Mercury	mg/ kg	0.022 J	0.020 J	0.024 J	0.022 J	0.019 J	0.97 ^{xi}	0.044 J	0.027 J	--	--	--
Nickel	mg/ kg	20	7.4	11	13	5.7	130 ^{xe}	13	12	--	--	--
Potassium	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/ kg	0.50 ^{xi}	0.20	0.42 ^{xi}	0.39	0.22	5.3 ^{xei}	0.30	0.28	--	--	--
Silver	mg/ kg	0.92	0.016 J	0.13	0.12	0.084 U	1.7 ^{xi}	0.020 J	0.017 J	--	--	--
Sodium	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/ kg	0.24	0.073 U	0.17	0.14	0.084 U	0.10	0.099	0.079 U	--	--	--
Vanadium	mg/ kg	13	9.0	13	14	8.5	14	12	13	--	--	--
Zinc	mg/ kg	110	66	89	87	12	1600 ⁱ	60	91	--	--	--
Cyanide (total)	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	mg/ kg	0.29 U	0.29 U	0.18 U	0.19 U	0.29 U	0.39 U	0.3 U	0.3 U	--	--	--
Aroclor-1221 (PCB-1221)	mg/ kg	0.29 U	0.29 U	0.18 U	0.19 U	0.29 U	0.39 U	0.3 U	0.3 U	--	--	--
Aroclor-1232 (PCB-1232)	mg/ kg	0.29 U	0.29 U	0.18 U	0.19 U	0.29 U	0.39 U	0.3 U	0.3 U	--	--	--
Aroclor-1242 (PCB-1242)	mg/ kg	0.29 U	0.29 U	0.18 U	0.19 U	0.29 U	0.39 U	0.3 U	0.3 U	--	--	--
Aroclor-1248 (PCB-1248)	mg/ kg	0.29 U	0.29 U	0.18 U	0.19 U	0.29 U	0.39 U	0.3 U	0.3 U	--	--	--
Aroclor-1254 (PCB-1254)	mg/ kg	0.29 U	0.29 U	0.18 U	0.19 U	0.29 U	0.39 U	0.3 U	0.3 U	--	--	--
Aroclor-1260 (PCB-1260)	mg/ kg	0.048 J	0.29 U	0.4	0.34	0.29 U	1.5	0.03 J	0.3 U	--	--	--
Total PCBs	mg/ kg	0.048	0.29 U	0.4	0.34	0.29 U	1.5	0.03	0.3 U	--	--	--
General Chemistry												
Ignitability	Deg F	-	-	-	-	-	-	-	-	-	-	-
Percent moisture	%	-	-	-	-	-	-	-	-	-	-	-
pH Corrosivity	s.u.	-	-	-	-	-	-	-	-	-	-	-
Reactive cyanide	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Reactive sulfide	mg/ kg	-	-	-	-	-	-	-	-	-	-	-
Total solids	%	-	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BCS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.5A

SITE WIDE SOIL ANALYTICAL RESULTS PRE 1997

RCRA FIELD INVESTIGATION

COMPANY VEHICLE OPERATIONS AREA

YPSILANTI, MICHIGAN

PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/01/1996	Soil Saturation Concentration Screening Levels	Groundwater Surface Water Interface Protection Criteria	Groundwater Contact Protection Criteria	Nonresidential Particulate Soil Inhalation Criteria & RBSLs	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Nonresidential Drinking Water Protection Criteria	Nonresidential Direct Contact Criteria	Nonresidential Infinite Source Volatile oil Inhalation Criteria (VSIC)	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Finite VSIC for 2 Meter Source Thickness	Statewide Default Background Levels	Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:
j	i	h	g	f	e	d	c	b	a	x	Units	
SVOCs												
1.1	-	-	-	-	-	-	-	-	-	-	mg/kg	1-Methylnaphthalene
1	-	4.2	290000	4900	170	26000	1800	1800	1800	-	mg/kg	2-Methylnaphthalene
5.3	-	8.7	6200000	350000	880	130000	97000	97000	97000	-	mg/kg	Acenaphthene
0.42	-	ID	1000000	3000	17	5200	2700	2700	2700	-	mg/kg	Acenaphthylene
9.1	-	ID	29000000	-	41	730000	1600000	1600000	1600000	-	mg/kg	Anthracene
20	-	NLL	ID	NLV	NLL	80	NLV	NLV	NLV	-	mg/kg	Benzo(a)anthracene
9.5 ^d	-	NLL	1900	NLV	NLL	8	NLV	NLV	NLV	-	mg/kg	Benzo(a)pyrene
20	-	NLL	ID	ID	NLL	80	ID	ID	ID	-	mg/kg	Benzo(b)fluoranthene
7.7	-	NLL	350000	NLV	NLL	7000	NLV	NLV	NLV	-	mg/kg	Benzo(g,h,i)perylene
6.7 U	-	NLL	ID	NLV	NLL	800	NLV	NLV	NLV	-	mg/kg	Benzo(k)fluoranthene
21	-	NLL	ID	ID	NLL	8000	ID	ID	ID	-	mg/kg	Chrysene
6.7 U	-	NLL	ID	NLV	NLL	8	NLV	NLV	NLV	-	mg/kg	Dibenz(a,h)anthracene
44 ⁱ	-	5.5	4100000	-	730	130000	880000	880000	880000	-	mg/kg	Fluoranthene
6.7 U	-	5.3	4100000	-	890	87000	150000	150000	150000	-	mg/kg	Fluorene
10	-	NLL	ID	NLV	NLL	80	NLV	NLV	NLV	-	mg/kg	Indeno(1,2,3-cd)pyrene
2.3 ⁱ	-	0.73	88000	470	100	52000	350	350	350	-	mg/kg	Naphthalene
31 ⁱ	-	2.1	2900	5100	160	5200	190	190	190	-	mg/kg	Phenanthrene
-	12000	9	18000000	NLV	260	12000	NLV	NLV	NLV	-	mg/kg	Phenol
37	-	ID	2900000	-	480	84000	780000	780000	780000	-	mg/kg	Pyrene
-	37	37	100000	2	0.42	37	9.8	40	97	-	mg/kg	Pyridine
TCLP SVOCs												
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
-	0.36	-	570000	100	1.7	260	340	260	340	-	mg/L	1,4-Dichlorobenzene
-	-	-	10000000	NLV	110	73000	NLV	NLV	NLV	-	mg/L	2,4,5-Trichlorophenol
-	0.33	-	1300000	NLV	9.4	3300	NLV	NLV	NLV	-	mg/L	2,4,6-Trichlorophenol
-	170	-	20000	NLV	0.64	220	NLV	NLV	NLV	-	mg/L	2,4-Dinitrotoluene
-	1	-	2900000	NLV	20	36000	NLV	NLV	NLV	-	mg/L	2-Methylphenol
-	1	-	2900000	NLV	20	36000	NLV	NLV	NLV	-	mg/L	3&4-Methylphenol
-	1	-	2900000	NLV	20	36000	NLV	NLV	NLV	-	mg/L	4-Methylphenol
-	0.35	-	8500	220	1.8	37	56	56	56	-	mg/L	Hexachlorobenzene
-	0.091	-	180000	350	72	350	460	460	460	-	mg/L	Hexachlorobutadiene
-	1.8	-	100000	110	1.2	730	1400	1400	1400	-	mg/L	Hexachloroethane
-	3.6	-	21000	170	0.33	340	64	64	64	-	mg/L	Nitrobenzene
-	26.5	-	130000	NLV	0.022	320	NLV	NLV	NLV	-	mg/L	Pentachlorophenol
-	-	-	100000	2	0.42	37	9.8	40	97	-	mg/L	Pyridine
Metals												
-	-	7740	44000	NLV	700	900	NLV	NLV	NLV	21	mg/kg	Lead

Notes:

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.5A
SITE WIDE SOIL ANALYTICAL RESULTS PRE 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15
Sample Depth:		6-2 ft BGS	6-8 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	4-6 ft BGS	6-8 ft BGS	8-10 ft BGS
Sample ID:		SB-18-15S6E2	SB-18-15S6E8	SB-18-15S0E1	SB-18-15S1E2	SB-18-15S2E4	SB-18-15S4E6	SB-18-15S6E8	SB-18-15S8E10	SB-18-15S4E6	SB-18-15S6E8	SB-18-15S8E10
Sample Date:		12/01/1996	12/01/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996	12/10/1996
Sample Type:												
Parameter:	Units											
SVOCs												
1-Methylnaphthalene	mg/kg	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	0.48	0.33 U	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	0.81	0.33 U	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	2.5	0.41	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	6.7 U	0.33 U	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	6.7 U	0.33 U	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	6.7 U	0.33 U	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	6.7 U	0.33 U	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	3.7	0.42	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	6.7 U	0.33 U	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	5.3	0.5	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	0.44	0.33 U	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	6.7 U	0.33 U	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	0.33 U	0.33 U	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	3.3 ¹	0.49	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	5.2	0.33 U	-	-	-	-	-	-	-	-	-
Pyridine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
TCCLP SVOCs												
1,4-Dichlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	-	-	-	-	-	-	-	-	-	-	-
Metals												
Lead	mg/kg	-	-	6100 ^{de}	2100 ^{de}	3500 ^{de}	5200 ^{de}	2300 ^{de}	1200 ^{de}	5200 ^{de}	2300 ^{de}	1200 ^{de}

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Nonresidential Particulate Soil Inhalation Criteria & RBSLs	Groundwater Contact Protection Criteria	
Units	x	a	b	c	d	e	f	g	h	
VOCs										
1,1,1-Trichloroethane	mg/kg	-	31000	15000	4500	460	4	460	29000000	460
1,1,2,2-Tetrachloroethane	mg/kg	-	34	34	34	240	0.7	23	68000	94
1,1,2-Trichloroethane	mg/kg	-	120	57	57	840	0.1	24	250000	420
1,1-Dichloroethane	mg/kg	-	14000	6000	2500	890	50	430	15000000	890
1,1-Dichloroethene	mg/kg	-	37	15	3.7	570	0.14	0.33	78000	220
1,2,4-Trichlorobenzene	mg/kg	-	34000	34000	34000	1100	4.2	1100	11000000	1100
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	15	15	15	1.2	0.01	1.2	5900	1.2
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	9.8	5.8	5.8	0.43	0.02	3.6	18000	0.5
1,2-Dichlorobenzene	mg/kg	-	55000	46000	46000	210	14	210	44000000	210
1,2-Dichloroethane	mg/kg	-	74	33	21	420	0.1	11	150000	380
1,2-Dichloropropane	mg/kg	-	120	51	30	550	0.1	7.4	120000	320
1,3-Dichlorobenzene	mg/kg	-	110	94	94	170	0.48	48	8800	51
1,3-Dichloropropene	mg/kg	-	470	200	60	240	0.7	5.4	590000	110
1,4-Dichlorobenzene	mg/kg	-	340	260	260	1900	1.7	100	570000	140
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	36000	35000	35000	27000	760	27000	29000000	27000
2-Hexanone	mg/kg	-	1500	1300	1300	2500	58	1800	1200000	2500
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	70000	53000	53000	2700	100	2700	60000000	2700
Acetone	mg/kg	-	200000	160000	160000	73000	42	110000	170000000	110000
Benzene	mg/kg	-	230	99	45	400	0.1	8.4	470000	220
Bromodichloromethane	mg/kg	-	57	31	31	490	1.6	6.4	110000	280
Bromoform	mg/kg	-	3100	3100	3100	870	1.6	770	3600000	870
Bromomethane (Methyl bromide)	mg/kg	-	140	57	13	1000	0.58	1.6	150000	1400
Carbon disulfide	mg/kg	-	19000	8000	1600	280	46	140	21000000	280
Carbon tetrachloride	mg/kg	-	79	34	12	390	0.1	0.99	170000	92
Chlorobenzene	mg/kg	-	2100	1100	920	260	2	220	2100000	260
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	280000	120000	36000	950	34	950	290000000	950
Chloroform (Trichloromethane)	mg/kg	-	790	340	150	1500	1.6	38	1600000	1500
Chloromethane (Methyl chloride)	mg/kg	-	2500	1000	120	1100	22	10	2600000	1100
cis-1,2-Dichloroethene	mg/kg	-	1000	430	210	640	1.4	41	1000000	640
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-
Cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	-	98	80	80	500	1.6	21	160000	360
Dichlorodifluoromethane (CFC-12)	mg/kg	-	1400000	550000	63000	1000	270	1700	1500000000	1000
Ethylbenzene	mg/kg	-	6500	3100	2400	140	1.5	140	13000000	140
Isopropyl benzene	mg/kg	-	3000	2000	2000	390	260	390	2600000	390
Methyl acetate	mg/kg	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	-	89000	41000	30000	5900	0.8	5900	88000000	5900
Methylene chloride	mg/kg	-	4000	1700	700	2300	0.1	240	8300000	2300
Styrene	mg/kg	-	4200	3300	3300	520	2.7	520	6900000	270
Tetrachloroethene	mg/kg	-	3300	1400	600	88	0.1	60	6800000	88
Toluene	mg/kg	-	36000	36000	3300	250	16	250	12000000	250
trans-1,2-Dichloroethene	mg/kg	-	2000	840	330	1400	2	43	2100000	1400
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/kg	-	1100	440	260	500	0.1	37	2300000	440
Trichlorofluoromethane (CFC-11)	mg/kg	-	140000000	140000000	110000	560	150	560	1700000000	560
Trifluorotrichloroethane (Freon 113)	mg/kg	-	2100000	890000	210000	550	550	550	2300000000	550
Vinyl chloride	mg/kg	-	420	170	29	34	0.04	2.8	890000	20
Xylenes (total)	mg/kg	-	130000	65000	54000	150	5.6	150	130000000	150

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Nonresidential Particulate Soil Inhalation Criteria & RBSLs	Groundwater Contact Protection Criteria
	Units	x	a	b	c	d	e	f	g	h
SVOCs										
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	73000	110	NLV	1000000	9100
2,4,6-Trichlorophenol	mg/kg	-	NLV	NLV	NLV	3300	9.4	NLV	1300000	200
2,4-Dichlorophenol	mg/kg	-	NLV	NLV	NLV	1800	4.2	NLV	2300000	960
2,4-Dimethylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2100000	10000
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	NLV	NLV	NLV	220	0.64	NLV	20000	170
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	ID	ID	ID	180000	1800	ID	ID	2300
2-Chlorophenol	mg/kg	-	1100	1100	1100	4500	2.6	800	530000	1900
2-Methylnaphthalene	mg/kg	-	1800	1800	1800	26000	170	4900	290000	5500
2-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	NLV	NLV	NLV	2000	1.2	NLV	ID	1600
3&4-Methylphenol	mg/kg	-	NLV	NLV	NLV	36000	20	NLV	2900000	16000
3,3'-Dichlorobenzidine	mg/kg	-	NLV	NLV	NLV	30	2	NLV	8200	4.6
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	NLV	NLV	NLV	260	0.83	NLV	ID	190
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	NLV	NLV	NLV	15000	16	NLV	ID	3000
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	97000	97000	97000	130000	880	350000	6200000	970
Acenaphthylene	mg/kg	-	2700	2700	2700	5200	17	3000	1000000	440
Acetophenone	mg/kg	-	52000	52000	52000	1100	88	1100	14000000	1100
Anthracene	mg/kg	-	1600000	1600000	1600000	730000	41	-	29000000	41
Atrazine	mg/kg	-	NLV	NLV	NLV	330	0.06	NLV	ID	110
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL
Benzo(a)pyrene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	1900	NLL
Benzo(b)fluoranthene	mg/kg	-	ID	ID	ID	80	NLL	ID	ID	NLL
Benzo(g,h,i)perylene	mg/kg	-	NLV	NLV	NLV	7000	NLL	NLV	350000	NLL
Benzo(k)fluoranthene	mg/kg	-	NLV	NLV	NLV	800	NLL	NLV	ID	NLL
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	13	13	13	58	0.17	44	12000	110
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	NLV	NLV	NLV	10000	NLL	NLV	890000	NLL
Butyl benzylphthalate (BBP)	mg/kg	-	NLV	NLV	NLV	310	310	NLV	21000000	310
Caprolactam	mg/kg	-	NLV	NLV	NLV	310000	340	NLV	290000	-
Carbazole	mg/kg	-	NLV	NLV	NLV	2400	39	NLV	78000	820
Chrysene	mg/kg	-	ID	ID	ID	8000	NLL	ID	ID	NLL
Dibenz(a,h)anthracene	mg/kg	-	NLV	NLV	NLV	8	NLL	NLV	ID	NLL
Dibenzofuran	mg/kg	-	160	160	160	ID	ID	3600	2900	ID
Diethyl phthalate	mg/kg	-	NLV	NLV	NLV	740	320	NLV	1500000	740
Dimethyl phthalate	mg/kg	-	NLV	NLV	NLV	790	790	NLV	1500000	790
Di-n-butylphthalate (DBP)	mg/kg	-	NLV	NLV	NLV	760	760	NLV	1500000	760

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Nonresidential Particulate Soil Inhalation Criteria & RBSLs	Groundwater Contact Protection Criteria
	Units	x	a	b	c	d	e	f	g	h
Di-n-octyl phthalate (DnOP)	mg/kg	-	NLV	NLV	NLV	20000	140000	NLV	14000000	140000
Fluoranthene	mg/kg	-	880000	880000	890000	130000	730	-	4100000	730
Fluorene	mg/kg	-	150000	150000	150000	87000	890	-	4100000	890
Hexachlorobenzene	mg/kg	-	56	56	56	37	1.8	220	8500	8.2
Hexachlorobutadiene	mg/kg	-	460	460	460	350	72	350	180000	350
Hexachlorocyclopentadiene	mg/kg	-	60	60	60	720	320	56	5900	720
Hexachloroethane	mg/kg	-	1400	1400	660	730	1.2	79	100000	110
Indeno(1,2,3-cd)pyrene	mg/kg	-	NLV	NLV	NLV	80	NLL	NLV	ID	NLL
Isophorone	mg/kg	-	NLV	NLV	NLV	2400	62	NLV	8200000	2400
Naphthalene	mg/kg	-	350	350	350	52000	100	470	88000	2100
Nitrobenzene	mg/kg	-	64	64	64	340	0.33	170	21000	220
N-Nitrosodi-n-propylamine	mg/kg	-	NLV	NLV	NLV	5.4	0.33	NLV	2000	7.2
N-Nitrosodiphenylamine	mg/kg	-	NLV	NLV	NLV	7800	22	NLV	2800000	700
Pentachlorophenol	mg/kg	-	NLV	NLV	NLV	320	0.022	NLV	130000	4.3
Phenanthrene	mg/kg	-	190	190	190	5200	160	5100	2900	1100
Phenol	mg/kg	-	NLV	NLV	NLV	12000	260	NLV	18000000	12000
Pyrene	mg/kg	-	780000	780000	780000	84000	480	-	2900000	480
Metals										
Antimony	mg/kg	-	NLV	NLV	NLV	670	4.3	NLV	5900	49000
Arsenic	mg/kg	5.8	NLV	NLV	NLV	37	4.6	NLV	910	2000
Barium	mg/kg	75	NLV	NLV	NLV	130000	1300	NLV	150000	-
Beryllium	mg/kg	-	NLV	NLV	NLV	1600	51	NLV	590	-
Cadmium	mg/kg	1.2	NLV	NLV	NLV	2100	6	NLV	2200	230000
Chromium	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D
Chromium III (trivalent)	mg/kg	18	NLV	NLV	NLV	1000000 D	1000000 D	NLV	150000	1000000 D
Chromium VI (hexavalent)	mg/kg		NLV	NLV	NLV	9200	30	NLV	240	140000
Cobalt	mg/kg	6.8	NLV	NLV	NLV	9000	2	NLV	5900	48000
Copper	mg/kg	32	NLV	NLV	NLV	73000	5800	NLV	59000	-
Lead	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID
Lead - coarse fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID
Lead - fine fraction	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID
Lead - total (calculated by fine/coarse fraction)	mg/kg	21	NLV	NLV	NLV	900	700	NLV	44000	ID
Manganese	mg/kg	440	NLV	NLV	NLV	90000	1	NLV	1500	180000
Mercury	mg/kg	0.13	62	62	62	580	1.7	89	8800	47
Nickel	mg/kg	20	NLV	NLV	NLV	150000	100	NLV	16000	-
Selenium	mg/kg	0.41	NLV	NLV	NLV	9600	4	NLV	59000	78000
Silver	mg/kg	1	NLV	NLV	NLV	9000	13	NLV	2900	200000
Thallium	mg/kg	-	NLV	NLV	NLV	130	2.3	NLV	5900	15000
Vanadium	mg/kg	-	NLV	NLV	NLV	5500	990	NLV	ID	-
Zinc	mg/kg	-	NLV	NLV	NLV	630000	5000	NLV	ID	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
Aroclor-1221 (PCB-1221)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
Aroclor-1232 (PCB-1232)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
Aroclor-1242 (PCB-1242)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
Aroclor-1248 (PCB-1248)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
Aroclor-1254 (PCB-1254)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
Aroclor-1260 (PCB-1260)	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Statewide Default Background Levels	Nonresidential Finite VSIC for 2 Meter Source Thickness	Nonresidential Finite VSIC for 5 Meter Source Thickness	Nonresidential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Nonresidential Direct Contact Criteria	Nonresidential Drinking Water Protection Criteria	Nonresidential Soil Volatilization to Indoor Air Inhalation Criteria & RBSLs	Nonresidential Particulate Soil Inhalation Criteria & RBSLs	Groundwater Contact Protection Criteria
	Units	<i>x</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>
Total PCBs	mg/kg	-	28000	28000	810	16	NLL	16000	6500	NLL
General Chemistry										
Total solids	%									
Geotech										
Permeability	cm/sec									

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	Groundwater	Soil Saturation	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	
Sample Depth:	Surface Water	Concentration	MW19-01	MW19-01	MW19-02	MW19-02	MW19-03	MW19-03	MW19-03	
Sample ID:	Interface Protection	Screening Levels	0-2 ft BGS	12.5-14.5 ft BGS	0-2 ft BGS	12-14 ft BGS	0-2 ft BGS	0-2 ft BGS	11-13 ft BGS	
Sample Date:	Criteria		S-17303-112003-DD-226	S-17303-112003-DD-227	S-17303-112003-DD-224	S-17303-112003-DD-225	S-17303-112003-DD-221	S-17303-112003-DD-222	S-17303-112003-DD-223	
Sample Type:			11/20/2003	11/20/2003	11/20/2003	11/20/2003	11/20/2003	11/20/2003	11/20/2003	
Parameter:	Units	i	j					Duplicate		
VOCs										
1,1,1-Trichloroethane	mg/kg	1.8	460	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
1,1,2,2-Tetrachloroethane	mg/kg	1.6	870	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
1,1,2-Trichloroethane	mg/kg	6.6	920	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
1,1-Dichloroethane	mg/kg	15	890	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
1,1-Dichloroethene	mg/kg	2.6	570	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
1,2,4-Trichlorobenzene	mg/kg	5.9	1100	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	ID	1.2	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.11	890	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
1,2-Dichlorobenzene	mg/kg	0.28	210	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
1,2-Dichloroethane	mg/kg	7.2	1200	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
1,2-Dichloropropane	mg/kg	4.6	550	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
1,3-Dichlorobenzene	mg/kg	0.68	170	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
1,3-Dichloropropene	mg/kg	0.18	620	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.36	-	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	44	27000	0.75 U	0.77 U	0.72 U	0.67 UJ	0.75 U	0.72 U	0.7 U
2-Hexanone	mg/kg	ID	2500	2.5 U	2.6 U	2.4 U	2.2 UJ	2.5 U	2.4 U	2.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	ID	2700	2.5 U	2.6 U	2.4 U	2.2 UJ	2.5 U	2.4 U	2.3 U
Acetone	mg/kg	34	110000	0.17 J	0.18 J	0.72 U	0.67 UJ	0.75 U	0.16 J	0.18 J
Benzene	mg/kg	4	400	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Bromodichloromethane	mg/kg	ID	1500	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
Bromoform	mg/kg	ID	870	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
Bromomethane (Methyl bromide)	mg/kg	0.7	2200	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Carbon disulfide	mg/kg	ID	280	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Carbon tetrachloride	mg/kg	0.9	390	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Chlorobenzene	mg/kg	0.5	260	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	22	950	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Chloroform (Trichloromethane)	mg/kg	7	1500	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Chloromethane (Methyl chloride)	mg/kg	ID	1100	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
cis-1,2-Dichloroethene	mg/kg	12	640	0.05 U	0.051 U	0.048 U	0.85 J	0.05 U	0.048 U	0.047 U
cis-1,3-Dichloropropene	mg/kg	-	-	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Cyclohexane	mg/kg	-	-	1.2 U	1.2 U	1.1 U	1.1 UJ	1.2 U	1.2 U	1.1 U
Dibromochloromethane	mg/kg	ID	610	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Dichlorodifluoromethane (CFC-12)	mg/kg	ID	1000	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
Ethylbenzene	mg/kg	0.36	140	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Isopropyl benzene	mg/kg	3.2	390	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Methyl acetate	mg/kg	-	-	1.2 U	1.2 U	1.1 U	1.1 UJ	1.2 U	1.2 U	1.1 U
Methyl cyclohexane	mg/kg	-	-	0.048 J	1.2 U	1.1 U	1.1 UJ	1.2 U	1.2 U	1.1 U
Methyl tert butyl ether (MTBE)	mg/kg	140	5900	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Methylene chloride	mg/kg	30	2300	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Styrene	mg/kg	2.1	520	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Tetrachloroethene	mg/kg	1.2	88	0.05 U	0.051 U	0.048 U	0.015 J	0.05 U	0.048 U	0.047 U
Toluene	mg/kg	5.4	250	0.018 J	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
trans-1,2-Dichloroethene	mg/kg	30	1400	0.05 U	0.051 U	0.048 U	0.058 J	0.05 U	0.048 U	0.047 U
trans-1,3-Dichloropropene	mg/kg	-	-	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Trichloroethene	mg/kg	4	500	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U
Trichlorofluoromethane (CFC-11)	mg/kg		560	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
Trifluorotrichloroethane (Freon 113)	mg/kg	1.7	550	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U
Vinyl chloride	mg/kg	0.26	490	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U
Xylenes (total)	mg/kg	0.82	150	0.06 J	0.51 U	0.48 U	0.44 UJ	0.5 U	0.48 U	0.47 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 19 MW19-01 0-2 ft BGS S-17303-112003-DD-226 11/20/2003	PAOC 19 MW19-01 12.5-14.5 ft BGS S-17303-112003-DD-227 11/20/2003	PAOC 19 MW19-02 0-2 ft BGS S-17303-112003-DD-224 11/20/2003	PAOC 19 MW19-02 12-14 ft BGS S-17303-112003-DD-225 11/20/2003	PAOC 19 MW19-03 0-2 ft BGS S-17303-112003-DD-221 11/20/2003	PAOC 19 MW19-03 0-2 ft BGS S-17303-112003-DD-222 11/20/2003 Duplicate	PAOC 19 MW19-03 11-13 ft BGS S-17303-112003-DD-223 11/20/2003
Units	i	j							
SVOCs									
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.33	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	0.33	1800	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	7.6	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	0.36	19000	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	4.2	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	1	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	ID	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	1	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	2	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.28	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	8.7	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	ID	-	-	-	-	-	-	-
Acetophenone	mg/kg	ID	1100	-	-	-	-	-	-
Anthracene	mg/kg	ID	-	-	-	-	-	-	-
Atrazine	mg/kg	0.15	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	NLL	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	NLL	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	NLL	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	NLL	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	NLL	-	-	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	0.1	2200	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	NLL	10000	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	120	310	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-
Carbazole	mg/kg	1.1	-	-	-	-	-	-	-
Chrysene	mg/kg	NLL	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	NLL	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	1.7	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	2.2	740	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	790	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	11	760	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 19 MW19-01 0-2 ft BGS S-17303-112003-DD-226 11/20/2003	PAOC 19 MW19-01 12.5-14.5 ft BGS S-17303-112003-DD-227 11/20/2003	PAOC 19 MW19-02 0-2 ft BGS S-17303-112003-DD-224 11/20/2003	PAOC 19 MW19-02 12-14 ft BGS S-17303-112003-DD-225 11/20/2003	PAOC 19 MW19-03 0-2 ft BGS S-17303-112003-DD-221 11/20/2003	PAOC 19 MW19-03 0-2 ft BGS S-17303-112003-DD-222 11/20/2003 Duplicate	PAOC 19 MW19-03 11-13 ft BGS S-17303-112003-DD-223 11/20/2003
	Units	i	j							
Di-n-octyl phthalate (DnOP)	mg/kg	ID	140000	-	-	-	-	-	-	-
Fluoranthene	mg/kg	5.5	-	-	-	-	-	-	-	-
Fluorene	mg/kg	5.3	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	0.35	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	0.091	350	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	ID	720	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	1.8	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	NLL	-	-	-	-	-	-	-	-
Isophorone	mg/kg	26	2400	-	-	-	-	-	-	-
Naphthalene	mg/kg	0.73	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	3.6	490	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg		1500	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg		-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	26.5	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	2.1	-	-	-	-	-	-	-	-
Phenol	mg/kg	9	12000	-	-	-	-	-	-	-
Pyrene	mg/kg	ID	-	-	-	-	-	-	-	-
Metals										
Antimony	mg/kg	94	-	-	-	-	-	-	-	-
Arsenic	mg/kg	4.6	-	-	-	-	-	-	-	-
Barium	mg/kg	1250	-	-	-	-	-	-	-	-
Beryllium	mg/kg	948	-	-	-	-	-	-	-	-
Cadmium	mg/kg	7.32	-	-	-	-	-	-	-	-
Chromium	mg/kg	6620000 G,X		-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	6620000 G,X		-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	3.3		-	-	-	-	-	-	-
Cobalt	mg/kg	2	-	-	-	-	-	-	-	-
Copper	mg/kg	167	-	-	-	-	-	-	-	-
Lead	mg/kg	7740	-	-	-	-	-	-	-	-
Lead - coarse fraction	mg/kg	7740	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	7740	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	7740	-	-	-	-	-	-	-	-
Manganese	mg/kg	128	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.05	-	-	-	-	-	-	-	-
Nickel	mg/kg	166	-	-	-	-	-	-	-	-
Selenium	mg/kg	0.4	-	-	-	-	-	-	-	-
Silver	mg/kg	0.1	-	-	-	-	-	-	-	-
Thallium	mg/kg	4.2	-	-	-	-	-	-	-	-
Vanadium	mg/kg	190	-	-	-	-	-	-	-	-
Zinc	mg/kg	377	-	-	-	-	-	-	-	-
PCBs										
Aroclor-1016 (PCB-1016)	mg/kg	NLL	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	NLL	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	NLL	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	NLL	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	NLL	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	NLL	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	NLL	-	-	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		Groundwater Surface Water Interface Protection Criteria	Soil Saturation Concentration Screening Levels	PAOC 19 MW19-01 0-2 ft BGS S-17303-112003-DD-226 11/20/2003	PAOC 19 MW19-01 12.5-14.5 ft BGS S-17303-112003-DD-227 11/20/2003	PAOC 19 MW19-02 0-2 ft BGS S-17303-112003-DD-224 11/20/2003	PAOC 19 MW19-02 12-14 ft BGS S-17303-112003-DD-225	PAOC 19 MW19-03 0-2 ft BGS S-17303-112003-DD-221 11/20/2003	PAOC 19 MW19-03 0-2 ft BGS S-17303-112003-DD-222 11/20/2003 Duplicate	PAOC 19 MW19-03 11-13 ft BGS S-17303-112003-DD-223 11/20/2003
	Units	i	j							
Total PCBs	mg/kg	NLL	-	-	-	-	-	-	-	-
General Chemistry										
Total solids	%			81.5	95.1	93.2	97.8 J	89.1	89.4	95.8
Geotech										
Permeability	cm/sec			-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 P/A 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-04 0-2 ft BGS S-17303-112003-DD-219 11/20/2003	PAOC 19 MW19-04 7-9 ft BGS S-17303-112003-DD-220 11/20/2003	PAOC 19 MW19-05 0-2 ft BGS S-17303-111103-DD-199 11/11/2003	PAOC 19 MW19-24 12-13 ft BGS S-17303-051804-DCR-325 03/18/2004	PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/01/1996	PAOC 19 SB-18-15 6-2 ft BGS SB-18-15S6E2 12/01/1996	PAOC 19 SB-18-15 6-8 ft BGS SB-18-15S6E8 12/01/1996	PAOC 19 SB-18-15 0-0.5 ft BGS SB-18-15S0E1 12/10/1996	PAOC 19 SB-18-15 0.5-2 ft BGS SB-18-15S1E2 12/10/1996	PAOC 19 SB-18-15 2-4 ft BGS SB-18-15S2E4 12/10/1996	PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/10/1996
VOCs												
1,1,1-Trichloroethane	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.68 U	0.78 U	0.67 U	0.75 U	-	-	-	-	-	-	-
2-Hexanone	mg/kg	2.3 U	2.6 U	2.2 U	2.5 U	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.3 U	2.6 U	2.2 U	2.5 U	-	-	-	-	-	-	-
Acetone	mg/kg	0.16 J	0.17 J	0.67 U	0.75 U	-	-	-	-	-	-	-
Benzene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Bromodichloromethane	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
Bromoform	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Carbon disulfide	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Carbon tetrachloride	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Chlorobenzene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Cyclohexane	mg/kg	1.1 U	1.3 U	1.1 U	1.2 U	-	-	-	-	-	-	-
Dibromochloromethane	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
Ethylbenzene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Isopropyl benzene	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Methyl acetate	mg/kg	1.1 U	1.3 U	1.1 U	1.2 U	-	-	-	-	-	-	-
Methyl cyclohexane	mg/kg	1.1 U	1.3 U	1.1 U	1.2 U	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Methylene chloride	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Styrene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Tetrachloroethene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Toluene	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Trichloroethene	mg/kg	0.046 U	0.052 U	0.045 U	0.05 U	-	-	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg	0.23 U	0.26 U	0.22 U	0.25 U	-	-	-	-	-	-	-
Vinyl chloride	mg/kg	0.091 U	0.1 U	0.09 U	0.1 U	-	-	-	-	-	-	-
Xylenes (total)	mg/kg	0.46 U	0.52 U	0.45 U	0.5 U	-	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-04 0-2 ft BGS S-17303-112003-DD-219 11/20/2003	PAOC 19 MW19-04 7-9 ft BGS S-17303-112003-DD-220 11/20/2003	PAOC 19 MW19-05 0-2 ft BGS S-17303-111103-DD-199 11/11/2003	PAOC 19 MW19-24 12-13 ft BGS S-17303-051804-DCR-325 03/18/2004	PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/01/1996	PAOC 19 SB-18-15 6-2 ft BGS SB-18-15S6E2 12/01/1996	PAOC 19 SB-18-15 6-8 ft BGS SB-18-15S6E8 12/01/1996	PAOC 19 SB-18-15 0-0.5 ft BGS SB-18-15S0E1 12/10/1996	PAOC 19 SB-18-15 0.5-2 ft BGS SB-18-15S1E2 12/10/1996	PAOC 19 SB-18-15 2-4 ft BGS SB-18-15S2E4 12/10/1996	PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/10/1996
SVOCs	Units											
1-Methylnaphthalene	mg/kg	-	-	-	-	1.1	0.33 U	0.33 U	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	1	0.33 U	0.33 U	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	5.3	0.48	0.33 U	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	0.42	0.33 U	0.33 U	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	9.1	0.81	0.33 U	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	20	2.5	0.41	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	9.5 ^d	6.7 U	0.33 U	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	20	6.7 U	0.33 U	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	7.7	6.7 U	0.33 U	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	6.7 U	6.7 U	0.33 U	-	-	-	-
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	21	3.7	0.42	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	6.7 U	6.7 U	0.33 U	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:												
		PAOC 19 MW19-04 0-2 ft BGS S-17303-112003-DD-219 11/20/2003	PAOC 19 MW19-04 7-9 ft BGS S-17303-112003-DD-220 11/20/2003	PAOC 19 MW19-05 0-2 ft BGS S-17303-111103-DD-199 11/11/2003	PAOC 19 MW19-24 12-13 ft BGS S-17303-051804-DCR-325 05/18/2004	PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/01/1996	PAOC 19 SB-18-15 6-2 ft BGS SB-18-15S6E2 12/01/1996	PAOC 19 SB-18-15 6-8 ft BGS SB-18-15S6E8 12/01/1996	PAOC 19 SB-18-15 0-0.5 ft BGS SB-18-15S0E1 12/10/1996	PAOC 19 SB-18-15 0.5-2 ft BGS SB-18-15S1E2 12/10/1996	PAOC 19 SB-18-15 2-4 ft BGS SB-18-15S2E4 12/10/1996	PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/10/1996
	Units											
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	44 ⁱ	5.3	0.5	-	-	-	-
Fluorene	mg/kg	-	-	-	-	6.7 U	0.44	0.33 U	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	10	6.7 U	0.33 U	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	2.3 ⁱ	0.33 U	0.33 U	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	31 ⁱ	3.3 ⁱ	0.49	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	37	5.2	0.33 U	-	-	-	-
Metals												
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	-	-	-	-	-	-	-	6100 ^{xde}	2100 ^{xde}	3500 ^{xde}	5200 ^{xde}
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-	-
PCBs												
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		MW19-04	MW19-04	MW19-05	MW19-24	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15	SB-18-15
Sample Depth:		0-2 ft BGS	7-9 ft BGS	0-2 ft BGS	12-13 ft BGS	4-6 ft BGS	6-2 ft BGS	6-8 ft BGS	0-0.5 ft BGS	0.5-2 ft BGS	2-4 ft BGS
Sample ID:		S-17303-112003-DD-219	S-17303-112003-DD-220	S-17303-111103-DD-199	S-17303-051804-DCR-325	SB-18-15S4E6	SB-18-15S6E2	SB-18-15S6E8	SB-18-15S0E1	SB-18-15S1E2	SB-18-15S2E4
Sample Date:		11/20/2003	11/20/2003	11/11/2003	05/18/2004	12/01/1996	12/01/1996	12/01/1996	12/10/1996	12/10/1996	12/10/1996
Sample Type:											
Parameter:	Units										
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-
General Chemistry											
Total solids	%	88.8	83.5	85.8	94.8	-	-	-	-	-	-
Geotech											
Permeability	cm/sec	-	-	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

<i>PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:</i>		<i>PAOC 19 SB-18-15 6-8 ft BGS SB-18-15S6E8 12/10/1996</i>	<i>PAOC 19 SB-18-15 8-10 ft BGS SB-18-15S8E10 12/10/1996</i>	<i>PAOC 19 SB19-01 11/01/2003</i>	<i>PAOC 19 SB-18-15 4-6 ft BGS SB-18-15S4E6 12/10/1996</i>	<i>PAOC 19 SB-18-15 6-8 ft BGS SB-18-15S6E8 12/10/1996</i>	<i>PAOC 19 SB-18-15 8-10 ft BGS SB-18-15S8E10 12/10/1996</i>	<i>PAOC 19 SB19-01 0-2 ft BGS S-17303-111303-DD-231 11/13/2003</i>	<i>PAOC 19 SB19-01 0-2 ft BGS S-17303-111303-DD-232 11/13/2003 Duplicate</i>	<i>PAOC 19 SB19-01 10-12 ft BGS S-17303-111303-DD-233 11/13/2003</i>	<i>PAOC 19 SB19-02 0-2 ft BGS S-17303-111303-DD-234 11/13/2003</i>
VOCs	Units										
1,1,1-Trichloroethane	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
1,1,2,2-Tetrachloroethane	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
1,1,2-Trichloroethane	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
1,1-Dichloroethane	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
1,1-Dichloroethene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
1,2,4-Trichlorobenzene	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
1,2-Dichlorobenzene	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
1,2-Dichloroethane	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
1,2-Dichloropropane	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
1,3-Dichlorobenzene	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	-	-	-	-	-	-	0.7 U	0.73 U	0.75 U	0.68 U
2-Hexanone	mg/kg	-	-	-	-	-	-	2.3 U	2.4 U	2.5 U	2.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	-	-	-	-	-	-	2.3 U	2.4 U	2.5 U	2.3 U
Acetone	mg/kg	-	-	-	-	-	-	0.7 U	0.73 U	0.75 U	0.68 U
Benzene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Bromodichloromethane	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
Bromoform	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
Bromomethane (Methyl bromide)	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Carbon disulfide	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Carbon tetrachloride	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Chlorobenzene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Chloroform (Trichloromethane)	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Chloromethane (Methyl chloride)	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
cis-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
cis-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Cyclohexane	mg/kg	-	-	-	-	-	-	1.1 U	1.2 U	1.2 U	0.037 J
Dibromochloromethane	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Dichlorodifluoromethane (CFC-12)	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
Ethylbenzene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.015 J
Isopropyl benzene	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Methyl acetate	mg/kg	-	-	-	-	-	-	1.1 U	1.2 U	1.2 U	1.1 U
Methyl cyclohexane	mg/kg	-	-	-	-	-	-	1.1 U	1.2 U	1.2 U	0.11 J
Methyl tert butyl ether (MTBE)	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Methylene chloride	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Styrene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Tetrachloroethene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Toluene	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.055 J
trans-1,2-Dichloroethene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
trans-1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Trichloroethene	mg/kg	-	-	-	-	-	-	0.047 U	0.048 U	0.05 U	0.045 U
Trichlorofluoromethane (CFC-11)	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
Trifluorotrichloroethane (Freon 113)	mg/kg	-	-	-	-	-	-	0.23 U	0.24 U	0.25 U	0.23 U
Vinyl chloride	mg/kg	-	-	-	-	-	-	0.093 U	0.097 U	0.099 U	0.091 U
Xylenes (total)	mg/kg	-	-	-	-	-	-	0.47 U	0.48 U	0.5 U	0.13 J

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 SB-18-15 6-8 ft BGS	PAOC 19 SB-18-15 8-10 ft BGS	PAOC 19 SB19-01	PAOC 19 SB-18-15 4-6 ft BGS	PAOC 19 SB-18-15 6-8 ft BGS	PAOC 19 SB-18-15 8-10 ft BGS	PAOC 19 SB19-01 0-2 ft BGS	PAOC 19 SB19-01 0-2 ft BGS	PAOC 19 SB19-01 10-12 ft BGS	PAOC 19 SB19-02 0-2 ft BGS
	Units	SB-18-15S6E8	SB-18-15S8E10	SB19-01	SB-18-15S4E6	SB-18-15S6E8	SB-18-15S8E10	S-17303-111303-DD-231	S-17303-111303-DD-232	S-17303-111303-DD-233	S-17303-111303-DD-234
		12/10/1996	12/10/1996	11/01/2003	12/10/1996	12/10/1996	12/10/1996	11/13/2003	11/13/2003 Duplicate	11/13/2003	11/13/2003
SVOCs											
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	mg/kg	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Acetophenone	mg/kg	-	-	-	-	-	-	-	-	-	-
Anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Atrazine	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Biphenyl (1,1'-Biphenyl)	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Caprolactam	mg/kg	-	-	-	-	-	-	-	-	-	-
Carbazole	mg/kg	-	-	-	-	-	-	-	-	-	-
Chrysene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	mg/kg	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
		SB-18-15	SB-18-15	SB19-01	SB-18-15	SB-18-15	SB-18-15	SB19-01	SB19-01	SB19-01	SB19-02
		6-8 ft BGS	8-10 ft BGS		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS		0-2 ft BGS	10-12 ft BGS	0-2 ft BGS
		SB-18-15S6E8	SB-18-15S8E10	SB19-01	SB-18-15S4E6	SB-18-15S6E8	SB-18-15S8E10	S-17303-111303-DD-231	S-17303-111303-DD-232	S-17303-111303-DD-233	S-17303-111303-DD-234
		12/10/1996	12/10/1996	11/01/2003	12/10/1996	12/10/1996	12/10/1996	11/13/2003	11/13/2003 Duplicate	11/13/2003	11/13/2003
Di-n-octyl phthalate (DnOP)	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluoranthene	mg/kg	-	-	-	-	-	-	-	-	-	-
Fluorene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	mg/kg	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/kg	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Isophorone	mg/kg	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/kg	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	mg/kg	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenanthrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Phenol	mg/kg	-	-	-	-	-	-	-	-	-	-
Pyrene	mg/kg	-	-	-	-	-	-	-	-	-	-
Metals											
Antimony	mg/kg	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	2300 ^{xde}	1200 ^{xde}	-	5200 ^{xde}	2300 ^{xde}	1200 ^{xde}	-	-	-	-
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	-	-	-	-	-	-	-	-	-	-
PCBs											
Aroclor-1016 (PCB-1016)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/kg	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/kg	-	-	-	-	-	-	-	-	-	-

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		SB-18-15	SB-18-15	SB19-01	SB-18-15	SB-18-15	SB-18-15	SB19-01	SB19-01	SB19-01	SB19-02
Sample Depth:		6-8 ft BGS	8-10 ft BGS		4-6 ft BGS	6-8 ft BGS	8-10 ft BGS	0-2 ft BGS	0-2 ft BGS	10-12 ft BGS	0-2 ft BGS
Sample ID:		SB-18-15S6E8	SB-18-15S8E10	SB19-01	SB-18-15S4E6	SB-18-15S6E8	SB-18-15S8E10	S-17303-111303-DD-231	S-17303-111303-DD-232	S-17303-111303-DD-233	S-17303-111303-DD-234
Sample Date:		12/10/1996	12/10/1996	11/01/2003	12/10/1996	12/10/1996	12/10/1996	11/13/2003	11/13/2003	11/13/2003	11/13/2003
Sample Type:									Duplicate		
Parameter:	Units										
Total PCBs	mg/kg	-	-	-	-	-	-	-	-	-	-
General Chemistry											
Total solids	%	-	-	-	-	-	-	90.0	90.0	92.5	88.1
Geotech											
Permeability	cm/sec	-	-	0.000000023800	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 SB19-02 8.5-10.5 ft BGS S-17303-111303-DD-235 11/13/2003	PAOC 19 SB19-01 0-2 ft BGS S-17303-111303-DD-231 11/13/2003	PAOC 19 SB19-01 0-2 ft BGS S-17303-111303-DD-232 11/13/2003 Duplicate	PAOC 19 SB19-01 10-12 ft BGS S-17303-111303-DD-233 11/13/2003	PAOC 19 SB19-02 0-2 ft BGS S-17303-111303-DD-234 11/13/2003	PAOC 19 SB19-02 8.5-10.5 ft BGS S-17303-111303-DD-235 11/13/2003	PAOC 19 DMW1 0-2 ft BGS SO-17303-032812-DR-075 03/28/2012	PAOC 19 DMW1 8-10 ft BGS SO-17303-032812-DR-076 03/28/2012
VOCs									
1,1,1-Trichloroethane	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
1,1,2,2-Tetrachloroethane	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.038 U	0.047 U
1,1,2-Trichloroethane	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
1,1-Dichloroethane	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
1,1-Dichloroethene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
1,2,4-Trichlorobenzene	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
1,2-Dichlorobenzene	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.077 U	0.093 U
1,2-Dichloroethane	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
1,2-Dichloropropane	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
1,3-Dichlorobenzene	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.077 U	0.093 U
1,3-Dichloropropene	mg/kg	-	-	-	-	-	-	0.077 U	0.093 U
1,4-Dichlorobenzene	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.81 U	0.7 U	0.73 U	0.75 U	0.68 U	0.81 U	0.58 U	0.7 U
2-Hexanone	mg/kg	2.7 U	2.3 U	2.4 U	2.5 U	2.3 U	2.7 U	1.9 U	2.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.7 U	2.3 U	2.4 U	2.5 U	2.3 U	2.7 U	1.9 U	2.3 U
Acetone	mg/kg	0.81 U	0.7 U	0.73 U	0.75 U	0.68 U	0.81 U	0.58 U	0.7 U
Benzene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Bromodichloromethane	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.077 U	0.093 U
Bromoform	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.077 U	0.093 U
Bromomethane (Methyl bromide)	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
Carbon disulfide	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
Carbon tetrachloride	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Chlorobenzene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Chlorobromomethane	mg/kg	-	-	-	-	-	-	0.19 U	0.23 U
Chloroethane	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	-	-
Chloroform (Trichloromethane)	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Chloromethane (Methyl chloride)	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
cis-1,2-Dichloroethene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
cis-1,3-Dichloropropene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Cyclohexane	mg/kg	1.3 U	1.1 U	1.2 U	1.2 U	0.037 J	1.3 U	0.92 U	1.1 U
Dibromochloromethane	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.077 U	0.093 U
Ethylbenzene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.015 J	0.054 U	0.038 U	0.047 U
Isopropyl benzene	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
Methyl acetate	mg/kg	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 U	0.92 U	1.1 U
Methyl cyclohexane	mg/kg	1.3 U	1.1 U	1.2 U	1.2 U	0.11 J	1.3 U	0.92 U	1.1 U
Methyl tert butyl ether (MTBE)	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
Methylene chloride	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
Styrene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Tetrachloroethene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Toluene	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.055 J	0.11 U	0.077 U	0.093 U
trans-1,2-Dichloroethene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
trans-1,3-Dichloropropene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Trichloroethene	mg/kg	0.054 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.038 U	0.047 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.077 U	0.093 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.27 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.19 U	0.23 U
Vinyl chloride	mg/kg	0.11 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.031 U	0.037 U
Xylenes (total)	mg/kg	0.54 U	0.47 U	0.48 U	0.5 U	0.13 J	0.54 U	0.12 U	0.14 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 SB19-02 8.5-10.5 ft BGS S-17303-111303-DD-235 11/13/2003	PAOC 19 SB19-01 0-2 ft BGS S-17303-111303-DD-231 11/13/2003	PAOC 19 SB19-01 0-2 ft BGS S-17303-111303-DD-232 11/13/2003 Duplicate	PAOC 19 SB19-01 10-12 ft BGS S-17303-111303-DD-233 11/13/2003	PAOC 19 SB19-02 0-2 ft BGS S-17303-111303-DD-234 11/13/2003	PAOC 19 SB19-02 8.5-10.5 ft BGS S-17303-111303-DD-235 11/13/2003	PAOC 19 DMW1 0-2 ft BGS SO-17303-032812-DR-075 03/28/2012	PAOC 19 DMW1 8-10 ft BGS SO-17303-032812-DR-076 03/28/2012
SVOCs									
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2,4,5-Trichlorophenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2,4,6-Trichlorophenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2,4-Dichlorophenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2,4-Dimethylphenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2,4-Dinitrophenol	mg/kg	-	-	-	-	-	-	0.16 U	0.16 U
2,4-Dinitrotoluene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2,6-Dinitrotoluene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2-Chloronaphthalene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2-Chlorophenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2-Methylnaphthalene	mg/kg	-	-	-	-	-	-	0.01 J	0.28 U
2-Methylphenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
2-Nitroaniline	mg/kg	-	-	-	-	-	-	0.21 U	0.21 U
2-Nitrophenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
3&4-Methylphenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
3,3'-Dichlorobenzidine	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
3-Nitroaniline	mg/kg	-	-	-	-	-	-	0.21 U	0.21 U
4,6-Dinitro-2-methylphenol	mg/kg	-	-	-	-	-	-	0.21 U	0.21 U
4-Bromophenyl phenyl ether	mg/kg	-	-	-	-	-	-	0.16 U	0.16 U
4-Chloro-3-methylphenol	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
4-Chloroaniline	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
4-Chlorophenyl phenyl ether	mg/kg	-	-	-	-	-	-	0.21 U	0.21 U
4-Nitroaniline	mg/kg	-	-	-	-	-	-	0.21 U	0.21 U
4-Nitrophenol	mg/kg	-	-	-	-	-	-	0.35 U	0.35 U
Acenaphthene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Acenaphthylene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Acetophenone	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Anthracene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Atrazine	mg/kg	-	-	-	-	-	-	0.042 U	0.043 U
Benzaldehyde	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Benzo(a)anthracene	mg/kg	-	-	-	-	-	-	0.013 J	0.28 U
Benzo(a)pyrene	mg/kg	-	-	-	-	-	-	0.016 J	0.28 U
Benzo(b)fluoranthene	mg/kg	-	-	-	-	-	-	0.025 J	0.28 U
Benzo(g,h,i)perylene	mg/kg	-	-	-	-	-	-	0.014 J	0.28 U
Benzo(k)fluoranthene	mg/kg	-	-	-	-	-	-	0.0063 J	0.28 U
Biphenyl (1,1-Biphenyl)	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
bis(2-Chloroethoxy)methane	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
bis(2-Chloroethyl)ether	mg/kg	-	-	-	-	-	-	0.084 U	0.085 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	-	-	-	-	-	-	0.28 U	0.02 J
Butyl benzylphthalate (BBP)	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Caprolactam	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Carbazole	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Chrysene	mg/kg	-	-	-	-	-	-	0.02 J	0.28 U
Dibenz(a,h)anthracene	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Dibenzofuran	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Diethyl phthalate	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Dimethyl phthalate	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
Di-n-butylphthalate (DBP)	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
		SB19-02	SB19-01	SB19-01	SB19-01	SB19-02	SB19-02	DMW1	DMW1
		8.5-10.5 ft BGS	0-2 ft BGS	0-2 ft BGS	10-12 ft BGS	0-2 ft BGS	8.5-10.5 ft BGS	0-2 ft BGS	8-10 ft BGS
		S-17303-111303-DD-235	S-17303-111303-DD-231	S-17303-111303-DD-232	S-17303-111303-DD-233	S-17303-111303-DD-234	S-17303-111303-DD-235	SO-17303-032812-DR-075	SO-17303-032812-DR-076
		11/13/2003	11/13/2003	11/13/2003 Duplicate	11/13/2003	11/13/2003	11/13/2003	03/28/2012	03/28/2012
Di-n-octyl phthalate (DnOP)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Fluoranthene	mg/ kg	-	-	-	-	-	-	0.028 J	0.28 U
Fluorene	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Hexachlorobenzene	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Hexachlorobutadiene	mg/ kg	-	-	-	-	-	-	0.042 U	0.043 U
Hexachlorocyclopentadiene	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Hexachloroethane	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Indeno(1,2,3-cd)pyrene	mg/ kg	-	-	-	-	-	-	0.025 J	0.28 U
Isophorone	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Naphthalene	mg/ kg	-	-	-	-	-	-	0.025 J	0.0077 J
Nitrobenzene	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
N-Nitrosodi-n-propylamine	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
N-Nitrosodiphenylamine	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Pentachlorophenol	mg/ kg	-	-	-	-	-	-	0.16 U	0.16 U
Phenanthrene	mg/ kg	-	-	-	-	-	-	0.012 J	0.28 U
Phenol	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Pyrene	mg/ kg	-	-	-	-	-	-	0.025 J	0.28 U
Metals									
Antimony	mg/ kg	-	-	-	-	-	-	0.34	0.044 J
Arsenic	mg/ kg	-	-	-	-	-	-	4.1	2.6
Barium	mg/ kg	-	-	-	-	-	-	41 B	7.1 B
Beryllium	mg/ kg	-	-	-	-	-	-	0.40	0.11 J
Cadmium	mg/ kg	-	-	-	-	-	-	0.085	0.080 U
Chromium	mg/ kg	-	-	-	-	-	-	12	6.8
Chromium III (trivalent)	mg/ kg	-	-	-	-	-	-	12	6.8
Chromium VI (hexavalent)	mg/ kg	-	-	-	-	-	-	0.85 U	0.85 U
Cobalt	mg/ kg	-	-	-	-	-	-	4.0	2.9
Copper	mg/ kg	-	-	-	-	-	-	10	5.9
Lead	mg/ kg	-	-	-	-	-	-	8.9 B	2.9 B
Lead - coarse fraction	mg/ kg	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/ kg	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/ kg	-	-	-	-	-	-	-	-
Manganese	mg/ kg	-	-	-	-	-	-	430 B	190 B
Mercury	mg/ kg	-	-	-	-	-	-	0.016 J	0.040 U
Nickel	mg/ kg	-	-	-	-	-	-	11	7.8
Selenium	mg/ kg	-	-	-	-	-	-	0.37	0.15 J
Silver	mg/ kg	-	-	-	-	-	-	0.022 J	0.080 U
Thallium	mg/ kg	-	-	-	-	-	-	0.17 B	0.19 B
Vanadium	mg/ kg	-	-	-	-	-	-	15	7.7
Zinc	mg/ kg	-	-	-	-	-	-	29 B	17 B
PCBs									
Aroclor-1016 (PCB-1016)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Aroclor-1221 (PCB-1221)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Aroclor-1232 (PCB-1232)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Aroclor-1242 (PCB-1242)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Aroclor-1248 (PCB-1248)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Aroclor-1254 (PCB-1254)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U
Aroclor-1260 (PCB-1260)	mg/ kg	-	-	-	-	-	-	0.28 U	0.28 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		SB19-02	SB19-01	SB19-01	SB19-01	SB19-02	SB19-02	DMW1	DMW1
Sample Depth:		8.5-10.5 ft BGS	0-2 ft BGS	0-2 ft BGS	10-12 ft BGS	0-2 ft BGS	8.5-10.5 ft BGS	0-2 ft BGS	8-10 ft BGS
Sample ID:		S-17303-111303-DD-235	S-17303-111303-DD-231	S-17303-111303-DD-232	S-17303-111303-DD-233	S-17303-111303-DD-234	S-17303-111303-DD-235	SO-17303-032812-DR-075	SO-17303-032812-DR-076
Sample Date:		11/13/2003	11/13/2003	11/13/2003	11/13/2003	11/13/2003	11/13/2003	03/28/2012	03/28/2012
Sample Type:				Duplicate					
Parameter:	Units								
Total PCBs	mg/kg	-	-	-	-	-	-	0.28 U	0.28 U
General Chemistry									
Total solids	%	95.0	90.0	90.0	92.5	88.1	95.0	-	-
Geotech									
Permeability	cm/sec	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 DMW2 0-2 ft BGS SO-17303-032912-DR-077 03/29/2012	PAOC 19 DMW2 7-9 ft BGS SO-17303-032912-DR-078 03/29/2012	PAOC 19 MW19-29 0-2 ft BGS SO-17303-092111-CB-001 09/21/2011	PAOC 19 MW19-29 0-2 ft BGS SO-17303-092111-CB-002 09/21/2011 Duplicate	PAOC 19 MW19-29 10-12 ft BGS SO-17303-092111-CB-004 09/21/2011	PAOC 19 MW19-29 8-10 ft BGS SO-17303-092111-CB-003 09/21/2011	PAOC 19 MW19-30 0-2 ft BGS SO-17303-092111-CB-005 09/21/2011	PAOC 19 MW19-30 10-12 ft BGS SO-17303-092111-CB-007 09/21/2011
VOCs									
1,1,1-Trichloroethane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,1,2,2-Tetrachloroethane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,1,2-Trichloroethane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,1-Dichloroethane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,1-Dichloroethene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,2,4-Trichlorobenzene	mg/kg	0.27 U	0.2 U	0.021 J	0.23 U	0.22 U	0.23 U	0.23 U	0.025 J
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
1,2-Dichlorobenzene	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
1,2-Dichloroethane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,2-Dichloropropane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
1,3-Dichlorobenzene	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
1,3-Dichloropropene	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.81 U	0.61 U	0.63 U	0.055 J	0.65 U	0.051 J	0.1 J	0.66 U
2-Hexanone	mg/kg	2.7 U	2 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.7 U	2 U	2.1 U	2.3 U	2.2 U	2.3 U	2.3 U	2.2 U
Acetone	mg/kg	0.81 U	0.61 U	0.63 U	0.68 U	0.65 U	0.69 U	0.7 U	0.66 U
Benzene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Bromodichloromethane	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
Bromoform	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
Bromomethane (Methyl bromide)	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Carbon disulfide	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Carbon tetrachloride	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Chlorobenzene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Chlorobromomethane	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Chloroethane	mg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Chloromethane (Methyl chloride)	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
cis-1,2-Dichloroethene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
cis-1,3-Dichloropropene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Cyclohexane	mg/kg	1.3 U	0.98 U	1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U
Dibromochloromethane	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
Ethylbenzene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Isopropyl benzene	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Methyl acetate	mg/kg	1.3 U	0.98 U	1 U	1.1 U	0.034 J	1.1 U	0.031 J	1.1 U
Methyl cyclohexane	mg/kg	1.3 U	0.98 U	0.023 J	1.1 U	1 U	1.1 U	1.1 U	0.022 J
Methyl tert butyl ether (MTBE)	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Methylene chloride	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Styrene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Tetrachloroethene	mg/kg	0.054 U	0.041 U	0.018 J	0.016 J	0.043 U	0.046 U	0.047 U	0.016 J
Toluene	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
trans-1,2-Dichloroethene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
trans-1,3-Dichloropropene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Trichloroethene	mg/kg	0.054 U	0.041 U	0.042 U	0.045 U	0.043 U	0.046 U	0.047 U	0.044 U
Trichlorofluoromethane (CFC-11)	mg/kg	0.11 U	0.082 U	0.085 U	0.091 U	0.087 U	0.091 U	0.094 U	0.088 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.27 U	0.2 U	0.21 U	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
Vinyl chloride	mg/kg	0.043 U	0.033 U	0.034 U	0.036 U	0.035 U	0.037 U	0.037 U	0.035 U
Xylenes (total)	mg/kg	0.16 U	0.12 U	0.13 U	0.14 U	0.13 U	0.14 U	0.14 U	0.13 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:	PAOC 19 DMW2 0-2 ft BGS SO-17303-032912-DR-077 03/29/2012	PAOC 19 DMW2 7-9 ft BGS SO-17303-032912-DR-078 03/29/2012	PAOC 19 MW19-29 0-2 ft BGS SO-17303-092111-CB-001 09/21/2011	PAOC 19 MW19-29 0-2 ft BGS SO-17303-092111-CB-002 09/21/2011 Duplicate	PAOC 19 MW19-29 10-12 ft BGS SO-17303-092111-CB-004 09/21/2011	PAOC 19 MW19-29 8-10 ft BGS SO-17303-092111-CB-003 09/21/2011	PAOC 19 MW19-30 0-2 ft BGS SO-17303-092111-CB-005 09/21/2011	PAOC 19 MW19-30 10-12 ft BGS SO-17303-092111-CB-007 09/21/2011
SVOCs								
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2,4,5-Trichlorophenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2,4,6-Trichlorophenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2,4-Dichlorophenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2,4-Dimethylphenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2,4-Dinitrophenol	mg/kg	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.15 U
2,4-Dinitrotoluene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2,6-Dinitrotoluene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2-Chloronaphthalene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2-Chlorophenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2-Methylnaphthalene	mg/kg	0.29 U	0.27 U	0.015 J	0.0075 J	0.29 U	0.28 U	0.27 U
2-Methylphenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
2-Nitroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.2 U
2-Nitrophenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
3&4-Methylphenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
3,3'-Dichlorobenzidine	mg/kg	0.29 U	0.27 U	1.8 U	1.8 U	1.7 U	1.7 U	1.6 U
3-Nitroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.2 U
4,6-Dinitro-2-methylphenol	mg/kg	0.22 U	0.21 U	0.17 U	0.17 U	0.16 U	0.16 U	0.15 U
4-Bromophenyl phenyl ether	mg/kg	0.17 U	0.16 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
4-Chloro-3-methylphenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
4-Chloroaniline	mg/kg	0.29 U	0.27 U	0.22 U	0.23 U	0.22 U	0.21 U	0.2 U
4-Chlorophenyl phenyl ether	mg/kg	0.22 U	0.21 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
4-Nitroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.23 U	0.22 U	0.21 U	0.2 U
4-Nitrophenol	mg/kg	0.37 U	0.34 U	0.37 U	0.38 U	0.36 U	0.35 U	0.34 U
Acenaphthene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Acenaphthylene	mg/kg	0.29 U	0.27 U	0.0039 J	0.3 U	0.29 U	0.28 U	0.27 U
Acetophenone	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Anthracene	mg/kg	0.29 U	0.27 U	0.3 U	0.0061 J	0.29 U	0.28 U	0.27 U
Atrazine	mg/kg	0.044 U	0.042 U	0.045 U	0.046 U	0.043 U	0.042 U	0.041 U
Benzaldehyde	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Benzo(a)anthracene	mg/kg	0.29 U	0.27 U	0.023 J	0.053 J	0.29 U	0.28 U	0.27 U
Benzo(a)pyrene	mg/kg	0.29 U	0.27 U	0.028 J	0.055 J	0.29 U	0.28 U	0.27 U
Benzo(b)fluoranthene	mg/kg	0.0074 J	0.27 U	0.039 J	0.072 J	0.29 U	0.28 U	0.27 U
Benzo(g,h,i)perylene	mg/kg	0.29 U	0.27 U	0.029 J	0.05 J	0.29 U	0.28 U	0.27 U
Benzo(k)fluoranthene	mg/kg	0.29 U	0.27 U	0.02 J	0.038 J	0.29 U	0.28 U	0.27 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
bis(2-Chloroethoxy)methane	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
bis(2-Chloroethyl)ether	mg/kg	0.089 U	0.083 U	0.09 U	0.091 U	0.087 U	0.084 U	0.082 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.29 U	0.031 J	0.031 J	0.3 U	0.046 J	0.072 J	0.02 J
Butyl benzylphthalate (BBP)	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Caprolactam	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Carbazole	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Chrysene	mg/kg	0.01 J	0.27 U	0.031 J	0.057 J	0.012 J	0.28 U	0.27 U
Dibenz(a,h)anthracene	mg/kg	0.29 U	0.27 U	0.0095 J	0.012 J	0.29 U	0.28 U	0.27 U
Dibenzofuran	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Diethyl phthalate	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Dimethyl phthalate	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U
Di-n-butylphthalate (DBP)	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.017 J	0.28 U	0.27 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 DMW2 0-2 ft BGS SO-17303-032912-DR-077 03/29/2012	PAOC 19 DMW2 7-9 ft BGS SO-17303-032912-DR-078 03/29/2012	PAOC 19 MW19-29 0-2 ft BGS SO-17303-092111-CB-001 09/21/2011	PAOC 19 MW19-29 0-2 ft BGS SO-17303-092111-CB-002 09/21/2011 Duplicate	PAOC 19 MW19-29 10-12 ft BGS SO-17303-092111-CB-004 09/21/2011	PAOC 19 MW19-29 8-10 ft BGS SO-17303-092111-CB-003 09/21/2011	PAOC 19 MW19-30 0-2 ft BGS SO-17303-092111-CB-005 09/21/2011	PAOC 19 MW19-30 10-12 ft BGS SO-17303-092111-CB-007 09/21/2011
Units									
Di-n-octyl phthalate (DnOP)	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Fluoranthene	mg/kg	0.032 J	0.27 U	0.036 J	0.1 J	0.29 U	0.28 U	0.0074 J	0.29 U
Fluorene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Hexachlorobenzene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Hexachlorobutadiene	mg/kg	0.044 U	0.042 U	0.045 U	0.046 U	0.043 U	0.042 U	0.041 U	0.044 U
Hexachlorocyclopentadiene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Hexachloroethane	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.021 J	0.27 U	0.02 J	0.033 J	0.29 U	0.28 U	0.27 U	0.29 U
Isophorone	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Naphthalene	mg/kg	0.29 U	0.008 J	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Nitrobenzene	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
N-Nitrosodi-n-propylamine	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
N-Nitrosodiphenylamine	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Pentachlorophenol	mg/kg	0.17 U	0.16 U	0.17 U	0.17 U	0.16 U	0.16 U	0.15 U	0.16 U
Phenanthrene	mg/kg	0.022 J	0.27 U	0.016 J	0.027 J	0.015 J	0.28 U	0.27 U	0.29 U
Phenol	mg/kg	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.28 U	0.27 U	0.29 U
Pyrene	mg/kg	0.021 J	0.27 U	0.035 J	0.082 J	0.29 U	0.28 U	0.011 J	0.29 U
Metals									
Antimony	mg/kg	0.059 J	0.057 J	0.21 J	0.16 J	0.061 J	0.060 J	0.087 J	0.097 J
Arsenic	mg/kg	2.5	3.0	4.8	3.6	3.1	3.9	2.7	8.2 ^{wei}
Barium	mg/kg	12 B	5.8 B	25	21	7.9	12	7.4	8.2
Beryllium	mg/kg	0.13 J	0.090 J	0.25	0.23	0.15	0.18	0.11 J	0.17
Cadmium	mg/kg	0.085 U	0.035 J	0.13	0.14	0.062 J	0.066 J	0.11	0.055 J
Chromium	mg/kg	5.4	5.4	10	10	7.8	7.5	3.9	6.5
Chromium III (trivalent)	mg/kg	5.4	5.4	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/kg	0.89 U	0.83 U	-	-	-	-	-	-
Cobalt	mg/kg	2.4	2.3	3.4	3.1	3.1	3.0	2.1	2.8
Copper	mg/kg	4.7	5.7	18	7.6	8.5	8.6	5.5	8.5
Lead	mg/kg	3.4 B	3.1 B	7.5	6.0	3.1	3.3	5.3	3.8
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-
Manganese	mg/kg	130 B	160 B	340	270	260	250	140	250
Mercury	mg/kg	0.046 U	0.040 U	0.021 J	0.019 J	0.043 U	0.027 U	0.039 U	0.018 J
Nickel	mg/kg	5.8	6.1	9.3	8.1	8.4	9.2	4.7	8.5
Selenium	mg/kg	0.23	0.15	0.37	0.29	0.33	0.24	0.21	0.24
Silver	mg/kg	0.085 U	0.077 U	0.017 J	0.076 U	0.073 U	0.077 U	0.078 U	0.082 U
Thallium	mg/kg	0.093 B	0.079 B	0.23	0.13	0.14	0.13	0.094	0.11
Vanadium	mg/kg	9.3	7.1	12	12	8.8	10	6.2	9.8
Zinc	mg/kg	12 B	13 B	24	20	14	20	23	19
PCBs									
Aroclor-1016 (PCB-1016)	mg/kg	0.29 U	0.27 U	0.037 U	0.038 U	0.036 U	0.035 U	0.034 U	0.036 U
Aroclor-1221 (PCB-1221)	mg/kg	0.29 U	0.27 U	0.037 U	0.038 U	0.036 U	0.035 U	0.034 U	0.036 U
Aroclor-1232 (PCB-1232)	mg/kg	0.29 U	0.27 U	0.037 U	0.038 U	0.036 U	0.035 U	0.034 U	0.036 U
Aroclor-1242 (PCB-1242)	mg/kg	0.29 U	0.27 U	0.037 U	0.038 U	0.036 U	0.035 U	0.034 U	0.036 U
Aroclor-1248 (PCB-1248)	mg/kg	0.29 U	0.27 U	0.037 U	0.038 U	0.036 U	0.035 U	0.034 U	0.036 U
Aroclor-1254 (PCB-1254)	mg/kg	0.29 U	0.27 U	0.037 U	0.038 U	0.036 U	0.035 U	0.034 U	0.036 U
Aroclor-1260 (PCB-1260)	mg/kg	0.29 U	0.27 U	0.051	0.035 J	0.036 U	0.035 U	0.087	0.036 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		DMW2	DMW2	MW19-29	MW19-29	MW19-29	MW19-29	MW19-30	MW19-30
Sample Depth:		0-2 ft BGS	7-9 ft BGS	0-2 ft BGS	0-2 ft BGS	10-12 ft BGS	8-10 ft BGS	0-2 ft BGS	10-12 ft BGS
Sample ID:		SO-17303-032912-DR-077	SO-17303-032912-DR-078	SO-17303-092111-CB-001	SO-17303-092111-CB-002	SO-17303-092111-CB-004	SO-17303-092111-CB-003	SO-17303-092111-CB-005	SO-17303-092111-CB-007
Sample Date:		03/29/2012	03/29/2012	09/21/2011	09/21/2011	09/21/2011	09/21/2011	09/21/2011	09/21/2011
Sample Type:					Duplicate				
Parameter:		Units							
Total PCBs	mg/kg	0.29 U	0.27 U	0.051	0.035	0.036 U	0.035 U	0.087	0.036 U
General Chemistry									
Total solids	%	-	-	-	-	-	-	-	-
Geotech									
Permeability	cm/sec	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-30 8-10 ft BGS SO-17303-092111-CB-006 09/21/2011	PAOC 19 MW19-31 0-2 ft BGS SO-17303-092111-CB-008 09/21/2011	PAOC 19 MW19-31 10-12 ft BGS SO-17303-092111-CB-010 09/21/2011	PAOC 19 MW19-31 8-10 ft BGS SO-17303-092111-CB-009 09/21/2011	PAOC 19 MW19-32 0-2 ft BGS SO-17303-020812-CB-020 02/08/2012	PAOC 19 MW19-32 8-10 ft BGS SO-17303-020812-CB-021 02/08/2012	PAOC 19 MW19-33 0-2 ft BGS SO-17303-020812-CB-022 02/08/2012	PAOC 19 MW19-33 7.5-9.5 ft BGS SO-17303-020812-CB-023 02/08/2012
VOCs	Units								
1,1,1-Trichloroethane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,1,2,2-Tetrachloroethane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,1,2-Trichloroethane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,1-Dichloroethane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,1-Dichloroethene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,2,4-Trichlorobenzene	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.029 J	0.21 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
1,2-Dichlorobenzene	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
1,2-Dichloroethane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,2-Dichloropropane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
1,3-Dichlorobenzene	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
1,3-Dichloropropene	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
1,4-Dichlorobenzene	mg/kg	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.079 J	0.064 J	0.65 U	0.056 J	0.62 U	0.65 U	0.69 U	0.63 U
2-Hexanone	mg/kg	2.4 U	2.2 U	2.2 U	2.1 U	2.1 U	2.2 U	2.3 U	2.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.4 U	2.2 U	2.2 U	2.1 U	2.1 U	2.2 U	2.3 U	2.1 U
Acetone	mg/kg	0.72 U	0.65 U	0.65 U	0.64 U	0.62 U	0.65 U	0.69 U	0.63 U
Benzene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Bromodichloromethane	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
Bromoform	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
Bromomethane (Methyl bromide)	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Carbon disulfide	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Carbon tetrachloride	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Chlorobenzene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Chlorobromomethane	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Chloroethane	mg/kg	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Chloromethane (Methyl chloride)	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
cis-1,2-Dichloroethene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.078	0.046 U	0.031 J
cis-1,3-Dichloropropene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Cyclohexane	mg/kg	1.1 U	1 U	1 U	1 U	0.99 U	1 U	1.1 U	1 U
Dibromochloromethane	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
Ethylbenzene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Isopropyl benzene	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Methyl acetate	mg/kg	1.1 U	1 U	1 U	1 U	0.99 U	1 U	1.1 U	1 U
Methyl cyclohexane	mg/kg	1.1 U	1 U	1 U	1 U	0.026 J	0.018 J	0.034 J	0.038 J
Methyl tert butyl ether (MTBE)	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Methylene chloride	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Styrene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Tetrachloroethene	mg/kg	0.048 U	0.014 J	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Toluene	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
trans-1,2-Dichloroethene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
trans-1,3-Dichloropropene	mg/kg	0.048 U	0.043 U	0.043 U	0.043 U	0.041 U	0.044 U	0.046 U	0.042 U
Trichloroethene	mg/kg	0.048 U	0.043 U	0.05	0.012 J	0.013 J	0.084	0.046 U	0.031 J
Trichlorofluoromethane (CFC-11)	mg/kg	0.095 U	0.086 U	0.086 U	0.085 U	0.083 U	0.087 U	0.093 U	0.084 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.24 U	0.22 U	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U	0.21 U
Vinyl chloride	mg/kg	0.038 U	0.034 U	0.035 U	0.034 U	0.033 U	0.035 U	0.037 U	0.034 U
Xylenes (total)	mg/kg	0.14 U	0.13 U	0.13 U	0.13 U	0.12	0.13 U	0.14 U	0.13 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-30 8-10 ft BGS SO-17303-092111-CB-006 09/21/2011	PAOC 19 MW19-31 0-2 ft BGS SO-17303-092111-CB-008 09/21/2011	PAOC 19 MW19-31 10-12 ft BGS SO-17303-092111-CB-010 09/21/2011	PAOC 19 MW19-31 8-10 ft BGS SO-17303-092111-CB-009 09/21/2011	PAOC 19 MW19-32 0-2 ft BGS SO-17303-020812-CB-020 02/08/2012	PAOC 19 MW19-32 8-10 ft BGS SO-17303-020812-CB-021 02/08/2012	PAOC 19 MW19-33 0-2 ft BGS SO-17303-020812-CB-022 02/08/2012	PAOC 19 MW19-33 7.5-9.5 ft BGS SO-17303-020812-CB-023 02/08/2012
	Units								
SVOCs									
1-Methylnaphthalene	mg/kg	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2,4,5-Trichlorophenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2,4,6-Trichlorophenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2,4-Dichlorophenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2,4-Dimethylphenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2,4-Dinitrophenol	mg/kg	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U	0.17 U	0.17 U
2,4-Dinitrotoluene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2,6-Dinitrotoluene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2-Chloronaphthalene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2-Chlorophenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2-Methylnaphthalene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.0053 J	0.3 U	0.008 J	0.3 U
2-Methylphenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
2-Nitroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.21 U	0.22 U	0.22 U	0.23 U	0.23 U
2-Nitrophenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
3&4-Methylphenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
3,3'-Dichlorobenzidine	mg/kg	1.7 U	1.7 U	1.7 U	1.7 U	0.3 U	0.3 U	0.3 U	0.3 U
3-Nitroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.21 U	0.22 U	0.22 U	0.23 U	0.23 U
4,6-Dinitro-2-methylphenol	mg/kg	0.16 U	0.16 U	0.16 U	0.16 U	0.22 U	0.22 U	0.23 U	0.23 U
4-Bromophenyl phenyl ether	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.17 U	0.17 U	0.17 U	0.17 U
4-Chloro-3-methylphenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
4-Chloroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.21 U	0.3 U	0.3 U	0.3 U	0.3 U
4-Chlorophenyl phenyl ether	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.22 U	0.22 U	0.23 U	0.23 U
4-Nitroaniline	mg/kg	0.22 U	0.21 U	0.22 U	0.21 U	0.22 U	0.22 U	0.23 U	0.23 U
4-Nitrophenol	mg/kg	0.36 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.37 U	0.38 U
Acenaphthene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Acenaphthylene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.018 J	0.3 U
Acetophenone	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Anthracene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.0042 J	0.3 U	0.028 J	0.3 U
Atrazine	mg/kg	0.043 U	0.042 U	0.043 U	0.043 U	0.045 U	0.045 U	0.045 U	0.046 U
Benzaldehyde	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Benzo(a)anthracene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.043 J	0.3 U	0.17 J	0.3 U
Benzo(a)pyrene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.054 J	0.3 U	0.2 J	0.3 U
Benzo(b)fluoranthene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.076 J	0.3 U	0.34	0.3 U
Benzo(g,h,i)perylene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.048 J	0.3 U	0.17 J	0.3 U
Benzo(k)fluoranthene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.027 J	0.3 U	0.11 J	0.3 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
bis(2-Chloroethoxy)methane	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
bis(2-Chloroethyl)ether	mg/kg	0.086 U	0.084 U	0.087 U	0.085 U	0.09 U	0.089 U	0.091 U	0.092 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.29 U	0.28 U	0.088 J	0.28 U	0.3 U	0.15 J	0.047 J	0.063 J
Butyl benzylphthalate (BBP)	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Caprolactam	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Carbazole	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Chrysene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.049 J	0.3 U	0.2 J	0.3 U
Dibenz(a,h)anthracene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.0089 J	0.3 U	0.036 J	0.3 U
Dibenzofuran	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.004 J	0.3 U
Diethyl phthalate	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Dimethyl phthalate	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Di-n-butylphthalate (DBP)	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
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PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-30 8-10 ft BGS SO-17303-092111-CB-006 09/21/2011	PAOC 19 MW19-31 0-2 ft BGS SO-17303-092111-CB-008 09/21/2011	PAOC 19 MW19-31 10-12 ft BGS SO-17303-092111-CB-010 09/21/2011	PAOC 19 MW19-31 8-10 ft BGS SO-17303-092111-CB-009 09/21/2011	PAOC 19 MW19-32 0-2 ft BGS SO-17303-020812-CB-020 02/08/2012	PAOC 19 MW19-32 8-10 ft BGS SO-17303-020812-CB-021 02/08/2012	PAOC 19 MW19-33 0-2 ft BGS SO-17303-020812-CB-022 02/08/2012	PAOC 19 MW19-33 7.5-9.5 ft BGS SO-17303-020812-CB-023 02/08/2012
	Units								
Di-n-octyl phthalate (DnOP)	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Fluoranthene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.065 J	0.3 U	0.3	0.3 U
Fluorene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.0061 J	0.3 U
Hexachlorobenzene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Hexachlorobutadiene	mg/kg	0.043 U	0.042 U	0.043 U	0.043 U	0.045 U	0.045 U	0.045 U	0.046 U
Hexachlorocyclopentadiene	mg/kg	R	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Hexachloroethane	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.038 J	0.3 U	0.15 J	0.3 U
Isophorone	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Naphthalene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.0041 J	0.3 U	0.0085 J	0.3 U
Nitrobenzene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
N-Nitrosodi-n-propylamine	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
N-Nitrosodiphenylamine	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Pentachlorophenol	mg/kg	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U	0.17 UJ	0.17 U	0.17 U
Phenanthrene	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.018 J	0.3 U	0.095 J	0.3 U
Phenol	mg/kg	0.29 U	0.28 U	0.29 U	0.28 U	0.3 U	0.3 U	0.3 U	0.3 U
Pyrene	mg/kg	0.29 U	0.28 U	0.0081 J	0.28 U	0.062 J	0.3 U	0.24 J	0.3 U
Metals									
Antimony	mg/kg	0.065 J	0.051 J	0.053 J	0.035 J	0.15 J	0.065 J	0.18 J	0.045 J
Arsenic	mg/kg	3.4	3.0	2.4	2.2	2.6	5.8	3.5	3.3
Barium	mg/kg	10	11	5.9	8.2	22	15	29	16
Beryllium	mg/kg	0.14 J	0.16	0.14 J	0.14 J	0.19	0.18	0.29	0.17
Cadmium	mg/kg	0.063 J	0.074 J	0.042 J	0.053 J	0.65	0.12	0.27	0.083 U
Chromium	mg/kg	4.8	4.8	5.4	4.3	9.2	6.9	20	8.4
Chromium III (trivalent)	mg/kg	-	-	-	-	7.9	6.4	20	8.4
Chromium VI (hexavalent)	mg/kg	-	-	-	-	1.3	0.51 J	0.91 U	0.91 U
Cobalt	mg/kg	2.5	2.4	2.0	2.0	2.0	3.6	3.7	3.5
Copper	mg/kg	8.3	6.1	5.6	6.1	7.6 J	13 J	9.9 J	7.6 J
Lead	mg/kg	2.8	3.4	2.7	2.6	7.6	4.6	32	3.0
Lead - coarse fraction	mg/kg	-	-	-	-	-	-	-	-
Lead - fine fraction	mg/kg	-	-	-	-	-	-	-	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	-	-	-	-	-	-	-	-
Manganese	mg/kg	190	150	250	150	150	400	320	220
Mercury	mg/kg	0.041 U	0.041 U	0.034 U	0.036 U	0.034 J	0.042 U	0.070	0.032 J
Nickel	mg/kg	7.4	5.5	5.5	6.0	5.7	11	10	8.5
Selenium	mg/kg	0.25	0.21	0.23	0.17	0.31	0.28	0.35	0.36
Silver	mg/kg	0.085 U	0.078 U	0.079 U	0.079 U	0.016 J	0.087 U	0.023 J	0.083 U
Thallium	mg/kg	0.17	0.098	0.079 U	0.080	0.082 U	0.097 U	0.11 U	0.083 U
Vanadium	mg/kg	7.8	7.5	7.9	6.1	11	9.9	13	14
Zinc	mg/kg	16	23	14	13	36	33	46	22
PCBs									
Aroclor-1016 (PCB-1016)	mg/kg	0.036 U	0.035 U	0.036 U	0.035 U	0.3 U	0.29 U	0.3 U	0.3 U
Aroclor-1221 (PCB-1221)	mg/kg	0.036 U	0.035 U	0.036 U	0.035 U	0.3 U	0.29 U	0.3 U	0.3 U
Aroclor-1232 (PCB-1232)	mg/kg	0.036 U	0.035 U	0.036 U	0.035 U	0.3 U	0.29 U	0.3 U	0.3 U
Aroclor-1242 (PCB-1242)	mg/kg	0.036 U	0.035 U	0.036 U	0.035 U	0.3 U	0.29 U	0.3 U	0.3 U
Aroclor-1248 (PCB-1248)	mg/kg	0.036 U	0.035 U	0.036 U	0.035 U	0.3 U	0.29 U	0.3 U	0.3 U
Aroclor-1254 (PCB-1254)	mg/kg	0.036 U	0.035 U	0.036 U	0.035 U	0.12 J	0.29 U	0.3 U	0.3 U
Aroclor-1260 (PCB-1260)	mg/kg	0.036 U	0.06	0.036 U	0.035 U	0.3 U	0.29 U	0.027 J	0.3 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-30 8-10 ft BGS SO-17303-092111-CB-006 09/21/2011	PAOC 19 MW19-31 0-2 ft BGS SO-17303-092111-CB-008 09/21/2011	PAOC 19 MW19-31 10-12 ft BGS SO-17303-092111-CB-010 09/21/2011	PAOC 19 MW19-31 8-10 ft BGS SO-17303-092111-CB-009 09/21/2011	PAOC 19 MW19-32 0-2 ft BGS SO-17303-020812-CB-020 02/08/2012	PAOC 19 MW19-32 8-10 ft BGS SO-17303-020812-CB-021 02/08/2012	PAOC 19 MW19-33 0-2 ft BGS SO-17303-020812-CB-022 02/08/2012	PAOC 19 MW19-33 7.5-9.5 ft BGS SO-17303-020812-CB-023 02/08/2012
Units									
Total PCBs	mg/kg	0.036 U	0.06	0.036 U	0.035 U	0.12	0.29 U	0.027	0.3 U
General Chemistry									
Total solids	%	-	-	-	-	-	-	-	-
Geotech									
Permeability	cm/sec	-	-	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

APPENDIX F.5B

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

<i>PAOC</i> <i>Sample Location:</i> <i>Sample Depth:</i> <i>Sample ID:</i> <i>Sample Date:</i> <i>Sample Type:</i> <i>Parameter:</i>		<i>PAOC 19</i> <i>MW19-34</i> <i>0-2 ft BGS</i> <i>SO-17303-020912-CB-025</i> <i>02/09/2012</i>	<i>PAOC 19</i> <i>MW19-34</i> <i>0-2 ft BGS</i> <i>SO-17303-020912-CB-026</i> <i>02/09/2012</i> <i>Duplicate</i>	<i>PAOC 19</i> <i>MW19-34</i> <i>7-9 ft BGS</i> <i>SO-17303-020912-CB-027</i> <i>02/09/2012</i>
VOCs				
1,1,1-Trichloroethane	mg/kg	0.045 U	0.043 U	0.047 U
1,1,2,2-Tetrachloroethane	mg/kg	0.045 U	0.043 U	0.047 U
1,1,2-Trichloroethane	mg/kg	0.045 U	0.043 U	0.047 U
1,1-Dichloroethane	mg/kg	0.045 U	0.043 U	0.047 U
1,1-Dichloroethene	mg/kg	0.045 U	0.043 U	0.047 U
1,2,4-Trichlorobenzene	mg/kg	0.04 J	0.21 U	0.24 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	0.22 U	0.21 U	0.24 U
1,2-Dibromoethane (Ethylene dibromide)	mg/kg	0.22 U	0.21 U	0.24 U
1,2-Dichlorobenzene	mg/kg	0.089 U	0.085 U	0.095 U
1,2-Dichloroethane	mg/kg	0.045 U	0.043 U	0.047 U
1,2-Dichloropropane	mg/kg	0.045 U	0.043 U	0.047 U
1,3-Dichlorobenzene	mg/kg	0.089 U	0.085 U	0.095 U
1,3-Dichloropropene	mg/kg	0.089 U	0.085 U	0.095 U
1,4-Dichlorobenzene	mg/kg	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	0.67 U	0.64 U	0.71 U
2-Hexanone	mg/kg	2.2 U	2.1 U	2.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	2.2 U	2.1 U	2.4 U
Acetone	mg/kg	0.67 U	0.64 U	0.71 U
Benzene	mg/kg	0.045 U	0.043 U	0.047 U
Bromodichloromethane	mg/kg	0.089 U	0.085 U	0.095 U
Bromoform	mg/kg	0.089 U	0.085 U	0.095 U
Bromomethane (Methyl bromide)	mg/kg	0.22 U	0.21 U	0.24 U
Carbon disulfide	mg/kg	0.22 U	0.21 U	0.24 U
Carbon tetrachloride	mg/kg	0.045 U	0.043 U	0.047 U
Chlorobenzene	mg/kg	0.045 U	0.043 U	0.047 U
Chlorobromomethane	mg/kg	0.22 U	0.21 U	0.24 U
Chloroethane	mg/kg	-	-	-
Chloroform (Trichloromethane)	mg/kg	0.045 U	0.043 U	0.047 U
Chloromethane (Methyl chloride)	mg/kg	0.22 U	0.21 U	0.24 U
cis-1,2-Dichloroethene	mg/kg	0.045 U	0.033 J	0.047 U
cis-1,3-Dichloropropene	mg/kg	0.045 U	0.043 U	0.047 U
Cyclohexane	mg/kg	1.1 U	1 U	1.1 U
Dibromochloromethane	mg/kg	0.045 U	0.043 U	0.047 U
Dichlorodifluoromethane (CFC-12)	mg/kg	0.089 U	0.085 U	0.095 U
Ethylbenzene	mg/kg	0.045 U	0.043 U	0.047 U
Isopropyl benzene	mg/kg	0.22 U	0.21 U	0.24 U
Methyl acetate	mg/kg	1.1 U	1 U	1.1 U
Methyl cyclohexane	mg/kg	0.026 J	1 U	1.1 U
Methyl tert butyl ether (MTBE)	mg/kg	0.22 U	0.21 U	0.24 U
Methylene chloride	mg/kg	0.22 U	0.21 U	0.24 U
Styrene	mg/kg	0.045 U	0.043 U	0.047 U
Tetrachloroethene	mg/kg	0.045 U	0.043 U	0.047 U
Toluene	mg/kg	0.089 U	0.085 U	0.095 U
trans-1,2-Dichloroethene	mg/kg	0.045 U	0.043 U	0.047 U
trans-1,3-Dichloropropene	mg/kg	0.045 U	0.043 U	0.047 U
Trichloroethene	mg/kg	0.045 U	0.053	0.018 J
Trichlorofluoromethane (CFC-11)	mg/kg	0.089 U	0.085 U	0.095 U
Trifluorotrichloroethane (Freon 113)	mg/kg	0.22 U	0.21 U	0.24 U
Vinyl chloride	mg/kg	0.036 U	0.034 U	0.038 U
Xylenes (total)	mg/kg	0.13 U	0.13 U	0.14 U

APPENDIX F.5B

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

<i>PAOC</i> <i>Sample Location:</i> <i>Sample Depth:</i> <i>Sample ID:</i> <i>Sample Date:</i> <i>Sample Type:</i> <i>Parameter:</i>		<i>PAOC 19</i> <i>MW19-34</i> <i>0-2 ft BGS</i> <i>SO-17303-020912-CB-025</i> <i>02/09/2012</i>	<i>PAOC 19</i> <i>MW19-34</i> <i>0-2 ft BGS</i> <i>SO-17303-020912-CB-026</i> <i>02/09/2012</i> <i>Duplicate</i>	<i>PAOC 19</i> <i>MW19-34</i> <i>7-9 ft BGS</i> <i>SO-17303-020912-CB-027</i> <i>02/09/2012</i>
	<i>Units</i>			
SVOCs				
1-Methylnaphthalene	mg/kg	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg	0.29 U	7.2 U	0.31 U
2,4,5-Trichlorophenol	mg/kg	0.29 U	7.2 U	0.31 U
2,4,6-Trichlorophenol	mg/kg	0.29 U	7.2 U	0.31 U
2,4-Dichlorophenol	mg/kg	0.29 U	7.2 U	0.31 U
2,4-Dimethylphenol	mg/kg	0.29 U	7.2 U	0.31 U
2,4-Dinitrophenol	mg/kg	0.16 U	4.1 U	0.18 U
2,4-Dinitrotoluene	mg/kg	0.29 U	7.2 U	0.31 U
2,6-Dinitrotoluene	mg/kg	0.29 U	7.2 U	0.31 U
2-Chloronaphthalene	mg/kg	0.29 U	7.2 U	0.31 U
2-Chlorophenol	mg/kg	0.29 U	7.2 U	0.31 U
2-Methylnaphthalene	mg/kg	0.01 J	7.2 U	0.31 U
2-Methylphenol	mg/kg	0.29 U	7.2 U	0.31 U
2-Nitroaniline	mg/kg	0.22 U	5.5 U	0.24 U
2-Nitrophenol	mg/kg	0.29 U	7.2 U	0.31 U
3&4-Methylphenol	mg/kg	0.29 U	7.2 U	0.31 U
3,3'-Dichlorobenzidine	mg/kg	0.29 U	7.2 U	0.31 U
3-Nitroaniline	mg/kg	0.22 U	5.5 U	0.24 U
4,6-Dinitro-2-methylphenol	mg/kg	0.22 U	5.5 U	0.24 U
4-Bromophenyl phenyl ether	mg/kg	0.16 U	4.1 U	0.18 U
4-Chloro-3-methylphenol	mg/kg	0.29 U	7.2 U	0.31 U
4-Chloroaniline	mg/kg	0.29 U	7.2 U	0.31 U
4-Chlorophenyl phenyl ether	mg/kg	0.22 U	5.5 U	0.24 U
4-Nitroaniline	mg/kg	0.22 U	5.5 U	0.24 U
4-Nitrophenol	mg/kg	0.36 U	9 U	0.39 U
Acenaphthene	mg/kg	0.041 J	1.9 J	0.31 U
Acenaphthylene	mg/kg	0.012 J	7.2 U	0.31 U
Acetophenone	mg/kg	0.29 U	7.2 U	0.31 U
Anthracene	mg/kg	0.11 J	3.9 J	0.31 U
Atrazine	mg/kg	0.044 U	1.1 U	0.048 U
Benzaldehyde	mg/kg	0.29 U	7.2 U	0.31 U
Benzo(a)anthracene	mg/kg	0.6	12	0.004 J
Benzo(a)pyrene	mg/kg	0.63	10 ^d	0.31 U
Benzo(b)fluoranthene	mg/kg	0.91	14	0.0046 J
Benzo(g,h,i)perylene	mg/kg	0.45	5.9 J	0.31 U
Benzo(k)fluoranthene	mg/kg	0.25 J	6.3 J	0.31 U
Biphenyl (1,1-Biphenyl)	mg/kg	0.29 U	7.2 U	0.31 U
bis(2-Chloroethoxy)methane	mg/kg	0.29 U	7.2 U	0.31 U
bis(2-Chloroethyl)ether	mg/kg	0.087 U	2.2 U	0.095 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	0.15 J	7.2 U	0.042 J
Butyl benzylphthalate (BBP)	mg/kg	0.29 U	7.2 U	0.31 U
Caprolactam	mg/kg	0.29 U	7.2 U	0.31 U
Carbazole	mg/kg	0.064 J	2.9 J ⁱ	0.31 U
Chrysene	mg/kg	0.63	12	0.31 U
Dibenz(a,h)anthracene	mg/kg	0.091 J	1.6 J	0.31 U
Dibenzofuran	mg/kg	0.022 J	1.2 J	0.31 U
Diethyl phthalate	mg/kg	0.29 U	7.2 U	0.31 U
Dimethyl phthalate	mg/kg	0.29 U	7.2 U	0.31 U
Di-n-butylphthalate (DBP)	mg/kg	0.068 J	7.2 U	0.31 U

APPENDIX F.5B

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample Depth: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-34 0-2 ft BGS SO-17303-020912-CB-025 02/09/2012	PAOC 19 MW19-34 0-2 ft BGS SO-17303-020912-CB-026 02/09/2012 Duplicate	PAOC 19 MW19-34 7-9 ft BGS SO-17303-020912-CB-027 02/09/2012
Units				
Di-n-octyl phthalate (DnOP)	mg/kg	0.29 U	7.2 U	0.31 U
Fluoranthene	mg/kg	1.5	36 ⁱ	0.0068 J
Fluorene	mg/kg	0.037 J	2.1 J	0.31 U
Hexachlorobenzene	mg/kg	0.29 U	7.2 U	0.31 U
Hexachlorobutadiene	mg/kg	0.044 U	1.1 U	0.048 U
Hexachlorocyclopentadiene	mg/kg	0.29 U	7.2 U	0.31 U
Hexachloroethane	mg/kg	0.29 U	7.2 U	0.31 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.39	5.2 J	0.31 U
Isophorone	mg/kg	0.29 U	7.2 U	0.31 U
Naphthalene	mg/kg	0.011 J	0.15 J	0.31 U
Nitrobenzene	mg/kg	0.29 U	7.2 U	0.31 U
N-Nitrosodi-n-propylamine	mg/kg	0.29 U	7.2 U	0.31 U
N-Nitrosodiphenylamine	mg/kg	0.29 U	7.2 U	0.31 U
Pentachlorophenol	mg/kg	0.16 U	4.1 U	0.18 U
Phenanthrene	mg/kg	0.63	27 ⁱ	0.31 U
Phenol	mg/kg	0.29 U	7.2 U	0.31 U
Pyrene	mg/kg	1.1	25	0.0053 J
Metals				
Antimony	mg/kg	9.3 J ^e	5.2 J ^e	0.060 J
Arsenic	mg/kg	4.4	5.2	5.6
Barium	mg/kg	120	160	40
Beryllium	mg/kg	0.19	0.24	0.33
Cadmium	mg/kg	1.4	2.8	0.091 U
Chromium	mg/kg	72	32	14
Chromium III (trivalent)	mg/kg	72	31	14
Chromium VI (hexavalent)	mg/kg	0.87 U	1.5	0.95 U
Cobalt	mg/kg	2.8	3.2	6.3
Copper	mg/kg	41	74	16
Lead	mg/kg	-	-	4.9
Lead - coarse fraction	mg/kg	81	110	-
Lead - fine fraction	mg/kg	180	170	-
Lead - total (calculated by fine/coarse fraction)	mg/kg	120	130	-
Manganese	mg/kg	260	400	500 ^{xei}
Mercury	mg/kg	0.055	0.032 J	0.049
Nickel	mg/kg	8.1	13	12
Selenium	mg/kg	0.40	0.49 ^{xi}	0.68 ^{xi}
Silver	mg/kg	0.33	0.54	0.091 U
Thallium	mg/kg	0.14	0.11	0.12
Vanadium	mg/kg	12	13	21
Zinc	mg/kg	95 J	330 J	31
PCBs				
Aroclor-1016 (PCB-1016)	mg/kg	0.29 U	0.29 U	0.31 U
Aroclor-1221 (PCB-1221)	mg/kg	0.29 U	0.29 U	0.31 U
Aroclor-1232 (PCB-1232)	mg/kg	0.29 U	0.29 U	0.31 U
Aroclor-1242 (PCB-1242)	mg/kg	0.29 U	0.29 U	0.31 U
Aroclor-1248 (PCB-1248)	mg/kg	0.29 U	0.29 U	0.31 U
Aroclor-1254 (PCB-1254)	mg/kg	0.29 U	0.29 U	0.31 U
Aroclor-1260 (PCB-1260)	mg/kg	0.061 J	0.1 J	0.31 U

SITE WIDE SOIL ANALYTICAL RESULTS POST 1997
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19
Sample Location:		MW19-34	MW19-34	MW19-34
Sample Depth:		0-2 ft BGS	0-2 ft BGS	7-9 ft BGS
Sample ID:		SO-17303-020912-CB-025	SO-17303-020912-CB-026	SO-17303-020912-CB-027
Sample Date:		02/09/2012	02/09/2012	02/09/2012
Sample Type:			Duplicate	
Parameter:	Units			
Total PCBs	mg/kg	0.061	0.1	0.31 U
General Chemistry				
Total solids	%	-	-	-
Geotech				
Permeability	cm/sec	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		Acute Inhalation Screening Level	Flammability and Explosivity Screening Level	Groundwater Contact Criteria	Groundwater Surface Water Criteria	Nonresidential Drinking Water Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Water Solubility	Residential Drinking Water Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Final Acute Value	Off-Site BH-13-00 W-1190514-042700-BW-031 04/27/2000
	Units	a	b	c	d	e	f	g	h	i	j	
VOCs												
1,1,1,2-Tetrachloroethane	mg/L	ID	ID	30	ID	0.32	96	1100	0.077	15	ID	-
1,1,1-Trichloroethane	mg/L	1300	ID	1300	0.089	0.2	1300	1330	0.2	660	1.6	-
1,1,2,2-Tetrachloroethane	mg/L	ID	ID	4.7	0.078	0.035	77	2970	0.0085	12	1.8	-
1,1,2-Trichloroethane	mg/L	ID	-	21	0.33	0.005	110	4420	0.005	17	6.4	-
1,1-Dichloroethane	mg/L	ID	380	2400	0.74	2.5	2300	5060	0.88	1000	13	-
1,1-Dichloroethene	mg/L	140	97	11	0.13	0.007	1.3	2250	0.007	0.2	2.3	0.001 U
1,2,3-Trichloropropane	mg/L	ID	-	84	-	0.12	180	1900	0.042	83	-	-
1,2,4-Trichlorobenzene	mg/L	300	-	19	0.099	0.07	300	300	0.07	300	0.2	-
1,2,4-Trimethylbenzene	mg/L	ID	56	56	0.017	0.063	56	55.89	0.063	56	0.31	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	ID	-	0.39	-	0.0002	1.2	1.23	0.0002	1.2	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	ID	ID	0.025	0.0057	0.00005	15	4200	0.00005	2.4	0.28	-
1,2-Dichlorobenzene	mg/L	160	-	160	0.013	0.6	160	156	0.6	160	0.24	-
1,2-Dichloroethane	mg/L	ID	2500	19	0.36	0.005	59	8520	0.005	9.6	16	-
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	19	-
1,2-Dichloropropane	mg/L	2800	550	16	0.23	0.005	36	2800	0.005	16	4	-
1,3,5-Trimethylbenzene	mg/L	ID	ID	61	0.045	0.072	61	61.15	0.072	61	0.81	-
1,3-Dichlorobenzene	mg/L	ID	ID	2	0.028	0.019	41	111	0.0066	18	0.2	-
1,3-Dichloropropene	mg/L	ID	130	5.5	0.009	0.035	26	2800	0.0085	3.9	0.16	-
1,4-Dichlorobenzene	mg/L	ID	-	6.4	0.017	0.075	74	73.8	0.075	16	0.21	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	240000	ID	240000	2.2	38	240000	240000	13	240000	40	-
2-Hexanone	mg/L	ID	-	5200	ID	2.9	8700	16000	1	4200	ID	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	20000	ID	13000	ID	5.2	20000	20000	1.8	20000	ID	-
Acetone	mg/L		15000	31000	1.7	2.1		1000000	0.73		30	-
Benzene	mg/L	67	68	11	0.2	0.005	35	1750	0.005	5.6	1.9	-
Bromodichloromethane	mg/L	ID	ID	14	ID	0.08	37	6740	0.08	4.8	ID	-
Bromoform	mg/L	ID	ID	140	ID	0.08	3100	3100	0.08	470	ID	-
Bromomethane (Methyl bromide)	mg/L	ID	ID	70	0.035	0.029	9	14500	0.01	4	0.64	-
Carbon disulfide	mg/L	ID	13	1200	ID	2.3	550	1190	0.8	250	ID	-
Carbon tetrachloride	mg/L	96	ID	4.6	0.045	0.005	2.4	793	0.005	0.37	1.4	-
Chlorobenzene	mg/L	ID	160	86	0.025	0.1	470	472	0.1	210	0.45	-
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	ID	-
Chloroethane	mg/L	ID	110	440	1.1	1.7	5700	5740	0.43	5700	20	-
Chloroform (Trichloromethane)	mg/L	ID	ID	150	0.35	0.08	180	7920	0.08	28	11	-
Chloromethane (Methyl chloride)	mg/L	210	36	490	ID	1.1	45	6340	0.26	8.6	ID	-
cis-1,2-Dichloroethene	mg/L	ID	530	200	0.62	0.07	210	3500	0.07	93	11	0.001 U
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	0.16	-
Cyclohexane	mg/L	-	-	-	-	-	-	-	-	-	ID	-
Dibromochloromethane	mg/L	ID	ID	18	ID	0.08	110	2600	0.08	14	ID	-
Dibromomethane	mg/L	ID	ID	530	-	0.23	ID	11000	0.08	ID	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	ID	ID	300	ID	4.8	300	300	1.7	220	ID	-
Ethyl ether	mg/L	61000	650	35000	ID	0.01	61000	61000	0.01	61000	ID	-
Ethylbenzene	mg/L	170	43	170	0.018	0.074	170	169	0.074	110	0.32	-
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	ID	29	56	0.028	2.3	56	56	0.8	56	0.5	-
Methyl acetate	mg/L	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	ID	ID	610	7.1	0.04	47000	46800	0.04	47000	420	-
Methylene chloride	mg/L	ID	ID	220	1.5	0.005	1400	17000	0.005	220	17	-
m-Xylene	mg/L	190	70	190	-	0.28	190	186	0.28	190	-	-
Naphthalene	mg/L	31	-	31	0.011	1.5	31	31	0.52	31	0.2	-
N-Propylbenzene	mg/L	ID	ID	15	ID	0.23	ID	-	0.08	ID	ID	-
o-Xylene	mg/L	190	70	190	-	0.28	190	186	0.28	190	-	-
Styrene	mg/L	310	140	9.7	0.08	0.1	310	310	0.1	170	2.9	-

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		Acute Inhalation Screening Level	Flammability and Explosivity Screening Level	Groundwater Contact Criteria	Groundwater Surface Water Criteria	Nonresidential Drinking Water Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Water Solubility	Residential Drinking Water Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Final Acute Value	Off-Site BH-13-00 W-1190514-042700-BW-031 04/27/2000
	Units	a	b	c	d	e	f	g	h	i	j	
Tetrachloroethene	mg/L	200	ID	12	0.06	0.005	170	200	0.005	25	2.9	-
Toluene	mg/L	ID	61	530	0.27	0.79	530	526	0.79	530	2.6	-
trans-1,2-Dichloroethene	mg/L	ID	230	220	1.5	0.1	200	6300	0.1	85	28	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	0.16	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	1100	ID	22	0.2	0.005	97	1100	0.005	15	3.5	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	1100	ID	1100	-	7.3	1100	1100	2.6	1100	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	170	ID	170	0.032	170	170	170	170	170	0.57	-
Vinyl chloride	mg/L	ID	33	1	0.013	0.002	13	2760	0.002	1.1	17	0.001 U
Xylenes (total)	mg/L	190	70	190	0.041	0.28	190	186	0.28	190	0.73	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	Off-Site BH-13-00 W-1190514-042700-BW-032 04/27/2000 Duplicate	Off-Site BH-15-00 W-1190514-050400-BW-034 05/04/2000	Off-Site BH-16-00 W-1190514-042700-BW-033 04/27/2000	PAOC 18 BH9-99 W-1190511-111999-SN-020 11/19/1999	PAOC 18 GP-18 GP-18 04/22/1996	PAOC 18 GS-5 GW-17303-041003-DCR-188 04/10/2003	PAOC 18 GS-5 17303-062703-HH-GS5-210 06/27/2003	PAOC 18 GS-5 GW-17303-120303-DCR-273 12/03/2003	PAOC 18 GS-5 GW-17303-040104-DCR-311 04/01/2004	PAOC 18 GS-5 GW-17303-070104-DR-378 07/01/2004
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,1,2-Trichloroethane	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,1-Dichloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.25 U	0.001 U	0.001 U	0.001	0.056 U	0.056 U	0.083 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	0.001 U	0.001 U	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.28 U	0.28 U	0.42 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	0.01 U	-	0.001 U	0.001 U	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	-	-	0.056 U	0.056 U	0.083 U
1,2-Dichlorobenzene	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,2-Dichloroethane	mg/L	-	-	-	-	-	0.002	0.001 U	0.056 U	0.056 U	0.083 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	12 U	-	0.025 U	0.025 U	1.4 U	1.4 U	2.1 U
2-Hexanone	mg/L	-	-	-	-	-	0.05 U	0.05 U	2.8 U	2.8 U	4.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-	-	0.05 U	0.05 U	2.8 U	2.8 U	4.2 U
Acetone	mg/L	-	-	-	-	-	0.025 U	0.025 U	1.4 U	1.4 U	0.093 J
Benzene	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Bromodichloromethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Bromoform	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Bromomethane (Methyl bromide)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Carbon disulfide	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.28 U	0.28 U	0.42 U
Carbon tetrachloride	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Chlorobenzene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Chlorobromomethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	-	-	-
Chloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Chloromethane (Methyl chloride)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	39.6 ^{dehj}	0.007	1.2 ^{deh}	3.2 ^{deh}	2.1 ^{deh}	2.1 ^{deh}	2.4 ^{deh}
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Cyclohexane	mg/L	-	-	-	-	-	-	-	0.056 U	0.056 U	0.083 U
Dibromochloromethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Dibromomethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Ethyl ether	mg/L	-	-	-	-	-	0.02 U	0.02 U	-	-	-
Ethylbenzene	mg/L	-	-	-	0.25 U	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U
Iodomethane	mg/L	-	-	-	-	-	0.01 U	0.01 U	-	-	-
Isopropyl benzene	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.28 U	0.28 U	0.42 U
Methyl acetate	mg/L	-	-	-	-	-	-	-	0.56 U	0.56 U	0.83 U
Methyl cyclohexane	mg/L	-	-	-	-	-	-	-	0.056 U	0.056 U	0.083 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	-	-	0.28 U	0.28 U	0.42 U
Methylene chloride	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.28 U	0.28 U	0.42 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	1.2 U	-	0.005 U	0.005 U	-	-	-
N-Propylbenzene	mg/L	-	-	-	0.25 U	-	0.005 U	0.005 U	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	Off-Site BH-13-00	Off-Site BH-15-00	Off-Site BH-16-00	PAOC 18 BH9-99	PAOC 18 GP-18	PAOC 18 GS-5	PAOC 18 GS-5	PAOC 18 GS-5	PAOC 18 GS-5	PAOC 18 GS-5	
Sample Location:	W-1190514-042700-BW-032	W-1190514-050400-BW-034	W-1190514-042700-BW-033	W-1190511-111999-SN-020	GP-18	GW-17303-041003-DCR-188	17303-062703-HH-GS5-210	GW-17303-120303-DCR-273	GW-17303-040104-DCR-311	GW-17303-070104-DR-378	
Sample ID:											
Sample Date:	04/27/2000	05/04/2000	04/27/2000	11/19/1999	04/22/1996	04/10/2003	06/27/2003	12/03/2003	04/01/2004	07/01/2004	
Sample Type:	Duplicate										
Parameter:											
	Units										
Tetrachloroethene	mg/L	-	-	-	-	0.001 U	0.001 U	0.056 U	0.056 U	0.083 U	
Toluene	mg/L	-	-	-	0.25 U	-	0.001	0.001	0.056 U	0.083 U	
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.25 U	0.001 U	0.011	0.055	0.034 J	0.045 J	
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.056 U	0.083 U	
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	0.05 U	0.05 U	-	-	
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	17.5 ^{dehij}	0.001 U	0.001 U	0.001 U	0.056 U	0.083 U	
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	-	-	0.056 U	0.083 U	
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	-	0.056 U	0.056 U	0.083 U	
Vinyl chloride	mg/L	0.001 U	0.02 ^{deh}	0.001 U	0.25 U	0.033 ^{deh}	0.43 ^{deh}	0.65 ^{deh}	1.2 ^{cdehi}	0.28 ^{deh}	0.32 ^{deh}
Xylenes (total)	mg/L	-	-	-	0.03 U	-	0.003 U	0.003 U	0.11 U	0.11 U	0.17 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:		GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	
Sample ID:		GW-17303-092304-MM-642	GW-17303-121004-DCR-665	GW-17303-041305-DR-699	WG-17303-062305-DR-0819	WG-17303-100605-AB-0896	WG-17303-062906-LA-010	WG-17303-100306-EV-047	WG-17303-120506-AF-002	WG-17303-090607-EV-004	
Sample Date:		09/23/2004	12/10/2004	04/13/2005	06/23/2005	10/06/2005	06/29/2006	10/03/2006	12/05/2006	06/05/2007	
Sample Type:											
Parameter:	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	
1,1,1-Trichloroethane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,1,2,2-Tetrachloroethane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 UJ	
1,1,2-Trichloroethane	mg/L	0.071 U	0.04 U	0.00029 J	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,1-Dichloroethane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,1-Dichloroethene	mg/L	0.071 U	0.04 U	0.0072 ^{eh}	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	
1,2,4-Trichlorobenzene	mg/L	0.36 U	0.2 U	0.005 U	2.1 U	1.3 U	0.31 U	0.83 U	0.25 U	1.2 U	
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	0.25 U	
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,2-Dichlorobenzene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,2-Dichloroethane	mg/L	0.071 U	0.04 U	0.005	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	
1,2-Dichloropropane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	0.25 U	
1,3-Dichlorobenzene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	
1,4-Dichlorobenzene	mg/L	0.071 U	0.04 U	0.00012 J	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1.8 U	1 U	0.025 U	10 U	6.3 U	1.6 U	4.2 U	1.2 U	6.2 U	
2-Hexanone	mg/L	3.6 U	2 U	0.05 U	21 U	13 U	3.1 U	8.3 U	2.5 U	12 U	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	3.6 U	2 U	0.05 U	21 U	13 U	3.1 U	8.3 UJ	2.5 U	12 U	
Acetone	mg/L	1.8 U	1 U	0.025 U	10 U	6.3 U	0.25 J	4.2 U	1.2 U	6.2 U	
Benzene	mg/L	0.071 U	0.04 U	0.0045	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Bromodichloromethane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 UJ	0.05 U	0.25 U	
Bromoform	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Bromomethane (Methyl bromide)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Carbon disulfide	mg/L	0.36 U	0.2 U	0.002 J	2.1 U	1.3 U	0.31 UJ	0.83 U	0.25 U	1.2 U	
Carbon tetrachloride	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Chlorobenzene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	
Chloroethane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Chloroform (Trichloromethane)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Chloromethane (Methyl chloride)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
cis-1,2-Dichloroethene	mg/L	2.2 ^{deh}	1.3 ^{deh}	4.2 J ^{deh}	3.4 ^{deh}	1.5 ^{deh}	3 ^{deh}	1.3 ^{deh}	1.4 ^{deh}	3.3 ^{deh}	
cis-1,3-Dichloropropene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 UJ	0.05 U	0.25 U	
Cyclohexane	mg/L	0.071 U	0.04 U	0.00018 J	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Dibromochloromethane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	
Dichlorodifluoromethane (CFC-12)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 UJ	0.17 U	0.05 U	0.25 UJ	
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	
Ethylbenzene	mg/L	0.071 U	0.04 U	0.00052 J	0.16 J ^{deh}	0.25 U	0.062 U	0.17 UJ	0.05 U	0.25 U	
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	
Isopropyl benzene	mg/L	0.36 U	0.2 U	0.005 U	2.1 U	1.3 U	0.31 U	0.83 U	0.25 U	1.2 U	
Methyl acetate	mg/L	0.71 U	0.4 U	0.01 U	4.2 U	2.5 U	0.62 U	1.7 U	0.5 U	2.5 UJ	
Methyl cyclohexane	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	
Methyl tert butyl ether (MTBE)	mg/L	0.36 U	0.2 U	0.005 U	2.1 U	1.3 U	0.31 U	0.83 U	0.25 U	1.2 U	
Methylene chloride	mg/L	0.36 U	0.2 U	0.005 U	2.1 U	1.3 U	0.31 U	0.83 U	0.25 U	1.2 U	
m-Xylene	mg/L	-	-	0.00031 J	0.33 J ^{eh}	0.5 U	-	-	-	-	
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	
o-Xylene	mg/L	-	-	0.00043 J	0.13 J	0.25 U	-	-	-	-	
Styrene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	GS-5	
Sample ID:	GW-17303-092304-MM-642	GW-17303-121004-DCR-665	GW-17303-041305-DR-699	WG-17303-062305-DR-0819	WG-17303-100605-AB-0896	WG-17303-062906-LA-010	WG-17303-100306-EV-047	WG-17303-120506-AF-002	WG-17303-060507-EV-004	WG-17303-090607-NRS-026	
Sample Date:	09/23/2004	12/10/2004	04/13/2005	06/23/2005	10/06/2005	06/29/2006	10/03/2006	12/05/2006	06/05/2007	09/06/2007	
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 UJ	0.05 U	0.25 U	0.14 U
Toluene	mg/L	0.071 U	0.04 U	0.0026	0.06 J	0.25 U	0.013 J	0.17 U	0.05 U	0.25 U	0.14 U
trans-1,2-Dichloroethene	mg/L	0.042 J	0.031 J	0.063 J	0.42 U	0.25 U	0.024 J	0.17 U	0.012 J	0.25 U	0.14 U
trans-1,3-Dichloropropene	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 UJ	0.05 U	0.25 U	0.14 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.071 U	0.04 U	0.027 J ^{eh}	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	0.14 U
Trichlorofluoromethane (CFC-11)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	0.14 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.071 U	0.04 U	0.001 U	0.42 U	0.25 U	0.062 U	0.17 U	0.05 U	0.25 U	0.14 U
Vinyl chloride	mg/L	0.47 ^{deh}	0.11 ^{deh}	6.8 J ^{cdehi}	5.5 ^{cdehi}	4.6 ^{cdehi}	6 ^{cdehi}	4.6 ^{cdehi}	1.7 ^{cdehi}	7.5 ^{cdehi}	5 ^{cdehi}
Xylenes (total)	mg/L	0.14 U	0.08 U	0.00077 J	0.5 J ^{deh}	0.75 U	0.12 U	0.33 U	0.1 U	0.5 U	0.29 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		GS-5	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6
		GW-17303-120607-DR-023	WG-17303-062205-DR-0809	WG-17303-100605-AB-0898	WG-17303-121405-NR-0918	WG-17303-030806-LA-0953	WG-17303-062906-LA-006	WG-17303-100306-NRS-048	WG-17303-120506-AF-001	WG-17303-031207-EV-031	WG-17303-060507-EV-005
		12/06/2007	06/22/2005	10/06/2005	12/14/2005	03/08/2006	06/29/2006	10/03/2006	12/05/2006	03/12/2007	06/05/2007
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,1,2,2-Tetrachloroethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 UJ
1,1,2-Trichloroethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,1-Dichloroethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,1-Dichloroethene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.56 U	0.31 U	0.36 U	0.31 U	0.71 U	0.25 U	0.14 U	1.2 U	0.83 U	0.83 U
1,2,4-Trimethylbenzene	mg/L	0.11 U	-	-	-	-	-	-	-	-	0.17 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,2-Dichlorobenzene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,2-Dichloroethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,3,5-Trimethylbenzene	mg/L	0.11 U	-	-	-	-	-	-	-	-	0.17 U
1,3-Dichlorobenzene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	2.8 U	1.6 U	1.8 U	1.6 U	3.6 U	1.2 U	0.71 U	6.2 U	4.2 U	4.2 U
2-Hexanone	mg/L	5.6 U	3.1 U	3.6 U	3.1 U	7.1 U	2.5 U	1.4 U	12 U	8.3 U	8.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	5.6 U	3.1 UJ	3.6 U	3.1 U	7.1 U	2.5 U	1.4 UJ	12 U	8.3 U	8.3 U
Acetone	mg/L	2.8 U	R	0.38 J	1.6 U	3.6 U	0.2 J	0.71 U	6.2 U	4.2 U	4.2 U
Benzene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Bromodichloromethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 UJ	0.25 U	0.17 U	0.17 U
Bromoform	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Bromomethane (Methyl bromide)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Carbon disulfide	mg/L	0.56 U	0.31 U	0.36 U	0.31 U	0.71 U	0.25 UJ	0.14 U	1.2 U	0.83 U	0.83 U
Carbon tetrachloride	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Chlorobenzene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Chloroform (Trichloromethane)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Chloromethane (Methyl chloride)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
cis-1,2-Dichloroethene	mg/L	2.6 ^{deh}	1.6 ^{deh}	1 ^{deh}	0.83 ^{deh}	2.3 ^{deh}	2.1 ^{deh}	0.38 ^{eh}	6.7 ^J ^{deh}	4.6 ^{deh}	4.8 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.11 U	0.062 U	0.071 UJ	0.063 U	0.14 U	0.05 U	0.029 UJ	0.25 U	0.17 U	0.17 U
Cyclohexane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Dibromochloromethane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.11 U	0.062 UJ	0.071 U	0.063 U	0.14 U	0.05 UJ	0.029 U	0.25 U	0.17 U	0.17 UJ
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.11 U	0.014 J	0.013 J	0.063 U	0.14 U	0.05 U	0.029 UJ	0.25 U	0.17 U	0.17 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.56 U	0.31 U	0.36 U	0.31 U	0.71 U	0.25 U	0.14 U	1.2 U	0.83 U	0.83 U
Methyl acetate	mg/L	1.1 U	0.62 U	0.71 UJ	0.63 U	1.4 U	0.5 U	0.29 U	2.5 U	1.7 U	1.7 UJ
Methyl cyclohexane	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Methyl tert butyl ether (MTBE)	mg/L	0.56 U	0.31 U	0.36 U	0.31 U	0.71 U	0.25 U	0.14 U	1.2 U	0.83 U	0.83 U
Methylene chloride	mg/L	0.56 U	0.31 U	0.36 U	0.31 U	0.71 U	0.25 U	0.14 U	1.2 U	0.83 U	0.83 U
m-Xylene	mg/L	-	-	0.033 J	0.13 U	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	0.024 J	0.063 U	-	-	-	-	-	-
Styrene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-5 GW-17303-120607-DR-023 12/06/2007	PAOC 18 GS-6 WG-17303-062205-DR-0809 06/22/2005	PAOC 18 GS-6 WG-17303-100605-AB-0898 10/06/2005	PAOC 18 GS-6 WG-17303-121405-NR-0918 12/14/2005	PAOC 18 GS-6 WG-17303-030806-LA-0953 03/08/2006	PAOC 18 GS-6 WG-17303-062906-LA-006 06/29/2006	PAOC 18 GS-6 WG-17303-100306-NRS-048 10/03/2006	PAOC 18 GS-6 WG-17303-120506-AF-001 12/05/2006	PAOC 18 GS-6 WG-17303-031207-EV-031 03/12/2007	PAOC 18 GS-6 WG-17303-060507-EV-005 06/05/2007
Units											
Tetrachloroethene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 UJ	0.25 U	0.17 U	0.17 U
Toluene	mg/L	0.11 U	0.017 J	0.0098 J	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
trans-1,2-Dichloroethene	mg/L	0.11 U	0.016 J	0.017 J	0.011 J	0.041 J	0.047 J	0.022 J	0.32 ^{eh}	0.22 ^{eh}	0.25 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.11 U	0.062 U	0.071 UJ	0.063 U	0.14 U	0.05 U	0.029 UJ	0.25 U	0.17 U	0.17 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Trichlorofluoromethane (CFC-11)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.11 U	0.062 U	0.071 U	0.063 U	0.14 U	0.05 U	0.029 U	0.25 U	0.17 U	0.17 U
Vinyl chloride	mg/L	3.2 ^{cdehi}	1.1 ^{cdeh}	1.3 ^{cdehi}	0.83 ^{deh}	3.9 ^{cdehi}	4.6 ^{cdehi}	1.1 ^{cdeh}	5.7 ^j ^{cdehi}	3.6 ^{cdehi}	1.8 ^{cdehi}
Xylenes (total)	mg/L	0.22 U	0.069 ^j ^d	0.059 ^j ^d	0.19 U	0.29 U	0.024 J	0.057 U	0.5 U	0.33 U	0.33 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-8
		WG-17303-090507-DR-011	WG-17303-120507-DR-011	WG-17303-032608-CB-019	WG-17303-061908-CB-017	WG-17303-092408-CB-045	WG-17303-120908-CB-059	WG-17303-032409-LS-078	WG-17303-041310-CB-008	WG-17303-102510-DR-017	WG-17303-030806-NR-0955
		09/05/2007	12/05/2007	03/26/2008	06/19/2008	09/24/2008	12/09/2008	03/24/2009	04/13/2010	10/23/2010	03/08/2006
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,1,2,2-Tetrachloroethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 UJ	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,1,2-Trichloroethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,1-Dichloroethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,1-Dichloroethene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.71 U	0.83 U	0.56 U	0.71 U	0.62 U	0.71 U	0.56 U	0.45 U	0.71 U	0.71 U
1,2,4-Trimethylbenzene	mg/L	0.14 U	0.17 U	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,2-Dichlorobenzene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,2-Dichloroethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,3,5-Trimethylbenzene	mg/L	0.14 U	0.17 U	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	3.6 U	4.2 U	2.8 U	3.6 U	3.1 U	3.6 U	2.8 U	2.3 U	3.6 U	3.6 U
2-Hexanone	mg/L	7.1 U	8.3 U	5.6 U	7.1 U	6.2 U	7.1 U	5.6 U	4.5 U	7.1 U	7.1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	7.1 U	8.3 U	5.6 U	7.1 U	6.2 U	7.1 U	5.6 U	4.5 U	7.1 U	7.1 U
Acetone	mg/L	3.6 U	4.2 U	2.8 U	3.6 U	3.1 U	3.6 U	2.8 U	2.3 U	3.6 U	3.6 U
Benzene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Bromodichloromethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Bromoform	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 UJ	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Bromomethane (Methyl bromide)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Carbon disulfide	mg/L	0.71 U	0.83 U	0.56 U	0.71 U	0.62 U	0.71 U	0.56 U	0.45 U	0.71 U	0.71 U
Carbon tetrachloride	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Chlorobenzene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.14 U	0.17 U	0.11 UJ	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Chloroform (Trichloromethane)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Chloromethane (Methyl chloride)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
cis-1,2-Dichloroethene	mg/L	4.5 ^{deh}	4.8 ^{deh}	3.1 ^{deh}	3.6 ^{deh}	3.9 ^{deh}	4.3 ^{deh}	3.1 ^{deh}	2.9 ^{deh}	3.4 ^{deh}	4.5 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 UJ	0.14 UJ	0.11 U	0.091 U	0.14 U	0.14 U
Cyclohexane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Dibromochloromethane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 UJ	0.11 U	0.091 U	0.14 U	0.14 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.14 U	0.17 U	0.11 U	0.14 UJ	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.71 U	0.83 U	0.56 U	0.71 U	0.62 U	0.71 U	0.56 U	0.45 U	0.71 U	0.71 U
Methyl acetate	mg/L	1.4 U	1.7 U	1.1 U	1.4 U	1.2 U	1.4 U	1.1 U	0.91 U	1.4 U	1.4 U
Methyl cyclohexane	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U
Methyl tert butyl ether (MTBE)	mg/L	0.71 U	0.83 U	0.56 U	0.71 U	0.62 U	0.71 U	0.56 U	0.45 U	0.71 U	0.71 U
Methylene chloride	mg/L	0.71 U	0.83 U	0.56 U	0.71 U	0.62 U	0.71 U	0.56 U	0.45 U	0.71 U	0.71 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U	0.14 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-8
Sample ID:	WG-17303-090507-DR-011	WG-17303-120507-DR-011	WG-17303-032608-CB-019	WG-17303-061908-CB-017	WG-17303-092408-CB-045	WG-17303-120908-CB-059	WG-17303-032409-LS-078	WG-17303-041310-CB-008	WG-17303-102510-DR-017	WG-17303-030806-NR-0955
Sample Date:	09/05/2007	12/05/2007	03/26/2008	06/19/2008	09/24/2008	12/09/2008	03/24/2009	04/13/2010	10/25/2010	03/08/2006
Sample Type:										
Parameter:										
Units										
Tetrachloroethene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U
Toluene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U
trans-1,2-Dichloroethene	mg/L	0.22 ^{eh}	0.22 ^{eh}	0.18 ^{eh}	0.18 ^{eh}	0.2 ^{eh}	0.2 ^{eh}	0.16 ^{eh}	0.17 ^{eh}	0.15 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 UJ	0.14 U	0.11 U	0.091 U	0.14 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U
Trichlorofluoromethane (CFC-11)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.14 U	0.17 U	0.11 U	0.14 U	0.12 U	0.14 U	0.11 U	0.091 U	0.14 U
Vinyl chloride	mg/L	0.59 ^{deh}	1.3 ^{cdehi}	1.6 ^{cdehi}	0.97 ^{deh}	0.98 ^{deh}	1.6 ^{cdehi}	1.2 ^{cdehi}	0.79 ^{deh}	1 ^{deh}
Xylenes (total)	mg/L	0.29 U	0.33 U	0.22 U	0.29 UJ	0.25 U	0.29 U	0.22 U	0.18 U	0.29 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8
		WG-17303-062906-LA-011	WG-17303-100306-NRS-038	WG-17303-120606-EV-014	WG-17303-030807-DR-005	WG-17303-060807-DR-032	WG-17303-090607-NRS-014	GW-17303-120607-DR-022	WG-17303-032508-DR-004	WG-17303-061908-DR-016	WG-17303-092508-DR-052
		06/29/2006	10/03/2006	12/06/2006	03/08/2007	06/08/2007	09/06/2007	12/06/2007	03/25/2008	06/19/2008	09/25/2008
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,1,2,2-Tetrachloroethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 UJ	5 U	2.5 U	2 U	3.3 U	5 UJ
1,1,2-Trichloroethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,1-Dichloroethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,1-Dichloroethene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	2.5 U	8.3 U	8.3 U	8.3 U	17 U	25 U	12 U	10 U	17 U	25 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	3.3 U	5 U	2.5 U	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,2-Dichlorobenzene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,2-Dichloroethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	3.3 U	5 U	2.5 U	-	-	-
1,3-Dichlorobenzene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	12 U	42 U	42 U	42 U	83 U	120 U	62 U	50 U	83 U	120 U
2-Hexanone	mg/L	25 U	83 U	83 U	83 U	170 UJ	250 U	120 U	100 U	170 U	250 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	25 U	83 U	83 U	83 U	170 UJ	250 U	120 U	100 U	170 U	250 U
Acetone	mg/L	12 U	1.4 J ⁿ	42 U	42 U	83 U	120 U	62 U	50 U	83 U	120 U
Benzene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Bromodichloromethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Bromoform	mg/L	0.5 U	1.7 UJ	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Bromomethane (Methyl bromide)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Carbon disulfide	mg/L	2.5 UJ	8.3 U	8.3 U	8.3 U	17 U	25 U	12 U	10 U	17 U	25 U
Carbon tetrachloride	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Chlorobenzene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 UJ	3.3 U	5 U
Chloroform (Trichloromethane)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Chloromethane (Methyl chloride)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
cis-1,2-Dichloroethene	mg/L	35 ^{dehj}	56 ^{dehj}	42 ^{dehj}	40 ^{dehj}	110 ^{dehij}	120 ^{dehij}	71 ^{dehj}	64 ^{dehj}	130 ^{dehij}	99 ^{dehij}
cis-1,3-Dichloropropene	mg/L	0.5 UJ	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Cyclohexane	mg/L	0.5 UJ	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Dibromochloromethane	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.5 UJ	1.7 UJ	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 UJ	5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	2.5 U	8.3 U	8.3 U	8.3 U	17 U	25 U	12 U	10 U	17 U	25 U
Methyl acetate	mg/L	5 U	17 U	17 U	17 U	33 U	50 U	25 U	20 U	33 U	50 U
Methyl cyclohexane	mg/L	0.5 UJ	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Methyl tert butyl ether (MTBE)	mg/L	2.5 U	8.3 U	8.3 U	8.3 U	17 U	25 U	12 U	10 U	17 U	25 U
Methylene chloride	mg/L	2.5 U	8.3 U	8.3 U	8.3 U	17 U	25 U	12 U	10 U	17 U	25 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8	GS-8
Sample ID:	WG-17303-062906-LA-011	WG-17303-100306-NRS-038	WG-17303-120606-EV-014	WG-17303-030807-DR-005	WG-17303-060807-DR-032	WG-17303-090607-NRS-014	GW-17303-120607-DR-022	WG-17303-032508-DR-004	WG-17303-061908-DR-016	WG-17303-092508-DR-052	
Sample Date:	06/29/2006	10/03/2006	12/06/2006	03/08/2007	06/08/2007	09/06/2007	12/06/2007	03/25/2008	06/19/2008	09/25/2008	
Sample Type:											
Parameter:											
	Units										
Tetrachloroethene	mg/L	0.5 U	1.7 UJ	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Toluene	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
trans-1,2-Dichloroethene	mg/L	0.25 J ^{eh}	0.28 J ^{eh}	1.7 U	1.7 U	3.3 U	5 U	0.5 J ^{eh}	0.47 J ^{eh}	0.7 J ^{eh}	5 U
trans-1,3-Dichloropropene	mg/L	0.5 U	1.7 UJ	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	3.3 ^{deh}	3 ^{deh}	3.6 ^{dehj}	4.9 ^{dehj}	6.5 ^{dehj}	4.1 ^{dehj}	1.6 J ^{deh}	1.9 ^{deh}	2.5 J ^{deh}	1.4 J ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.5 U	1.7 U	1.7 U	1.7 U	3.3 U	5 U	2.5 U	2 U	3.3 U	5 U
Vinyl chloride	mg/L	7.1 ^{cdehi}	4 ^{cdehi}	4.3 ^{cdehi}	4.8 ^{cdehi}	11 ^{cdehi}	9.9 ^{cdehi}	5.3 ^{cdehi}	6 ^{cdehi}	10 ^{cdehi}	6.5 ^{cdehi}
Xylenes (total)	mg/L	1 U	3.3 U	3.3 U	3.3 U	6.7 U	10 U	5 U	4 U	6.7 UJ	10 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-8 WG-17303-032609-CB-094 03/26/2009	PAOC 18 GS-8 WG-17303-041310-CB-005 04/13/2010	PAOC 18 GS-8 WG-17303-102610-DR-019 10/26/2010	PAOC 18 IW-41 WG-17303-030807-EV-006 03/08/2007	PAOC 18 IW-41 WG-17303-060707-DR-031 06/07/2007	PAOC 18 IW-41 WG-17303-090507-EV-007 09/05/2007	PAOC 18 IW-41 WG-17303-120407-DR-003 12/04/2007	PAOC 18 IW-41 WG-17303-032408-DR-001 03/24/2008	PAOC 18 IW-41 WG-17303-061808-DR-005 06/18/2008	PAOC 18 IW-41 WG-17303-092508-DR-057 09/25/2008
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,1,2,2-Tetrachloroethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 UJ
1,1,2-Trichloroethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,1-Dichloroethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,1-Dichloroethene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	10 U	10 U	10 U	3.1 U	5 U	3.6 U	10 U	5 U	4.2 U	12 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	1 U	0.71 U	2 U	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,2-Dichlorobenzene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,2-Dichloroethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	1 U	0.71 U	2 U	-	-	-
1,3-Dichlorobenzene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	50 U	50 U	50 U	16 U	25 U	18 U	50 U	25 U	21 U	62 U
2-Hexanone	mg/L	100 U	100 U	100 U	31 U	50 U	36 U	100 U	50 U	42 U	120 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	100 U	100 U	100 U	31 U	50 UJ	36 U	100 U	50 U	42 U	120 U
Acetone	mg/L	50 U	50 U	50 U	16 U	25 U	18 U	50 U	25 U	21 U	62 U
Benzene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Bromodichloromethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Bromoform	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Bromomethane (Methyl bromide)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Carbon disulfide	mg/L	10 U	10 U	10 U	3.1 U	5 U	3.6 U	10 U	5 U	4.2 U	12 U
Carbon tetrachloride	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Chlorobenzene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 UJ	0.83 U	2.5 U
Chloroform (Trichloromethane)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Chloromethane (Methyl chloride)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
cis-1,2-Dichloroethene	mg/L	61 ^{dehj}	54 ^{dehj}	48 ^{dehj}	19 ^{dehj}	36 ^{dehj}	9 ^{deh}	13 ^{dehj}	13 ^{dehj}	30 ^{dehj}	13 ^{dehj}
cis-1,3-Dichloropropene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 UJ	2.5 U
Cyclohexane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Dibromochloromethane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 UJ	2.5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	10 U	10 U	10 U	3.1 U	5 U	3.6 U	10 U	5 U	4.2 U	12 U
Methyl acetate	mg/L	20 U	20 U	20 U	6.2 U	10 UJ	7.1 U	20 U	10 U	8.3 U	25 U
Methyl cyclohexane	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Methyl tert butyl ether (MTBE)	mg/L	10 U	10 U	10 U	3.1 U	5 U	3.6 U	10 U	5 U	4.2 U	12 U
Methylene chloride	mg/L	10 U	10 U	0.82 J ^{eh}	3.1 U	5 U	3.6 U	1.1 J ^{eh}	5 U	4.2 U	12 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 UJ	2.5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	GS-8	GS-8	GS-8	IW-41	IW-41	IW-41	IW-41	IW-41	IW-41	IW-41	
Sample ID:	WG-17303-032609-CB-094	WG-17303-041310-CB-005	WG-17303-102610-DR-019	WG-17303-030807-EV-006	WG-17303-060707-DR-031	WG-17303-090507-EV-007	WG-17303-120407-DR-003	WG-17303-032408-DR-001	WG-17303-061808-DR-005	WG-17303-092508-DR-057	
Sample Date:	03/26/2009	04/13/2010	10/26/2010	03/08/2007	06/07/2007	09/05/2007	12/04/2007	03/24/2008	06/18/2008	09/25/2008	
Sample Type:											
Parameter:											
	Units										
Tetrachloroethene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Toluene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
trans-1,2-Dichloroethene	mg/L	0.52 J ^{eh}	2 U	2 U	0.14 J ^{eh}	0.19 J ^{eh}	0.71 U	2 U	1 U	0.17 J ^{eh}	2.5 U
trans-1,3-Dichloropropene	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.95 J ^{deh}	0.6 J ^{deh}	2 U	7.2 ^{dehj}	10 ^{dehj}	0.73 ^{deh}	1.1 ^{deh}	3.3 ^{deh}	6.4 ^{dehj}	2.5 U
Trichlorofluoromethane (CFC-11)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Trifluorotrichloroethane (Freon 113)	mg/L	2 U	2 U	2 U	0.62 U	1 U	0.71 U	2 U	1 U	0.83 U	2.5 U
Vinyl chloride	mg/L	4.4 ^{cdehi}	4.1 ^{cdehi}	22 ^{cdefhij}	5.9 ^{cdehi}	5.1 ^{cdehi}	26 ^{cdefhij}	58 ^{bcdefhij}	24 ^{cdefhij}	17 ^{~cdefhi}	52 ^{bcdefhij}
Xylenes (total)	mg/L	4 U	4 U	4 U	1.2 U	2 U	1.4 U	4 U	2 U	1.7 UJ	5 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		IW-41	IW-42	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44
		WG-17303-032609-CB-093	GW-17303-031303-BL-181	GW-17303-121004-DCR-666	GW-17303-031105-DR-694	WG-17303-062305-DR-0818	WG-17303-100605-AB-0893	WG-17303-121405-NR-0913	WG-17303-030806-NR-0957	WG-17303-070606-EV-028	WG-17303-100306-NRS-045
		03/26/2009	03/13/2003	12/10/2004	03/11/2005	06/23/2005	10/06/2005	12/14/2005	03/08/2006	07/06/2006	10/03/2006
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	0.001 U	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,1,2-Trichloroethane	mg/L	0.83 U	0.023 ^{eh}	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,1-Dichloroethane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,1-Dichloroethene	mg/L	0.83 U	0.19 ^{deh}	0.056 U	0.017 J ^{eh}	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,2,3-Trichloropropane	mg/L	-	0.001 U	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	4.2 U	0.001 U	0.28 U	0.25 U	1.9 U	21 U	8.3 U	12 U	25 U	25 U
1,2,4-Trimethylbenzene	mg/L	-	0.001	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.83 U	-	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,2-Dichlorobenzene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,2-Dichloroethane	mg/L	0.83 U	0.11 ^{eh}	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	21 U	0.025 U	1.4 U	1.3 U	9.6 U	100 U	42 U	62 U	120 U	120 U
2-Hexanone	mg/L	42 U	0.05 U	2.8 U	2.5 U	19 U	210 U	83 U	120 U	250 U	250 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	42 U	0.05 U	2.8 U	2.5 U	19 U	210 U	83 U	120 U	250 UJ	250 UJ
Acetone	mg/L	21 U	0.025 U	1.4 U	1.3 U	9.6 U	20 J ^{deh}	42 U	62 U	120 U	120 U
Benzene	mg/L	0.83 U	0.087 ^{eh}	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Bromodichloromethane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 UJ
Bromoform	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Bromomethane (Methyl bromide)	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Carbon disulfide	mg/L	4.2 U	0.005 U	0.28 U	0.25 U	1.9 U	21 U	8.3 U	12 U	25 UJ	25 U
Carbon tetrachloride	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Chlorobenzene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Chlorobromomethane	mg/L	-	0.001 U	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Chloroform (Trichloromethane)	mg/L	0.83 U	0.009	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Chloromethane (Methyl chloride)	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
cis-1,2-Dichloroethene	mg/L	25 ^{dehj}	86 ^{dehj}	2.1 ^{deh}	9.8 ^{deh}	6.8 ^{deh}	73 ^{dehj}	21 ^{dehj}	65 ^{dehj}	140 ^{dehij}	140 ^{dehij}
cis-1,3-Dichloropropene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 UJ	1.7 U	2.5 U	5 UJ	5 UJ
Cyclohexane	mg/L	0.83 U	-	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 UJ	5 U
Dibromochloromethane	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Dibromomethane	mg/L	-	0.001 U	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 UJ	5 U
Ethyl ether	mg/L	-	0.02 U	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.83 U	0.018	0.056 U	0.05 U	0.17 J ^{deh}	4.2 U	1.7 U	2.5 U	5 U	5 UJ
Iodomethane	mg/L	-	0.01 U	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	4.2 U	0.005 U	0.28 U	0.25 U	1.9 U	21 U	8.3 U	12 U	25 U	25 U
Methyl acetate	mg/L	8.3 U	-	0.56 U	0.5 U	3.8 U	42 UJ	17 U	25 U	50 U	50 U
Methyl cyclohexane	mg/L	0.83 U	-	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 UJ	5 U
Methyl tert butyl ether (MTBE)	mg/L	4.2 U	-	0.28 U	0.25 U	1.9 U	21 U	8.3 U	12 U	25 UJ	25 U
Methylene chloride	mg/L	4.2 U	0.005 U	0.28 U	0.25 U	1.9 U	21 U	8.3 U	12 U	25 U	25 U
m-Xylene	mg/L	-	-	-	0.1 U	0.28 J	8.3 U	3.3 U	-	-	-
Naphthalene	mg/L	-	0.005 U	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	0.005 U	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	0.05 U	0.12 J	4.2 U	1.7 U	-	-	-
Styrene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	IW-41	IW-42	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	
Sample ID:	WG-17303-032609-CB-093	GW-17303-031303-BL-181	GW-17303-121004-DCR-666	GW-17303-031105-DR-694	WG-17303-062305-DR-0818	WG-17303-100605-AB-0893	WG-17303-121405-NR-0913	WG-17303-030806-NR-0957	WG-17303-070606-EV-028	WG-17303-100306-NRS-045	
Sample Date:	03/26/2009	03/13/2003	12/10/2004	03/11/2005	06/23/2005	10/06/2005	12/14/2005	03/08/2006	07/06/2006	10/03/2006	
Sample Type:											
Parameter:											
Units											
Tetrachloroethene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 UJ	
Toluene	mg/L	0.83 U	0.15	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	
trans-1,2-Dichloroethene	mg/L	0.83 U	1.6 ^{deh}	0.077	0.18 ^{eh}	0.22 ^{eh}	0.8 ^{j^{eh}}	0.19 ^{j^{eh}}	0.96 ^{j^{eh}}	1.8 ^{deh}	1.4 ^{j^{eh}}
trans-1,3-Dichloropropene	mg/L	0.83 U	0.001 U	0.056 U	0.05 U	0.38 U	4.2 UJ	1.7 U	2.5 U	5 UJ	5 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	0.05 U	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	16 ^{dehij}	5.7 ^{dehij}	0.41 ^{deh}	0.63 ^{deh}	0.63 ^{deh}	1.6 ^{j^{deh}}	1.7 U	11 ^{dehj}	1.8 ^{j^{deh}}	5 U
Trichlorofluoromethane (CFC-11)	mg/L	0.83 U	-	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.83 U	-	0.056 U	0.05 U	0.38 U	4.2 U	1.7 U	2.5 U	5 U	5 U
Vinyl chloride	mg/L	21 ^{cdefhij}	14 ^{cdefhi}	1.9 ^{cdehi}	5.1 ^{cdehi}	8.5 ^{cdehi}	18 ^{cdefhij}	1.7 U	6 ^{cdehi}	26 ^{cdefhij}	19 ^{cdefhij}
Xylenes (total)	mg/L	1.7 U	0.186 ^d	0.11 U	0.15 U	0.43 ^{j^{deh}}	13 U	5 U	5 U	10 U	10 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18 IW-44 WG-17303-120506-DK-003 12/05/2006	PAOC 18 IW-44 WG-17303-030807-DR-014 03/08/2007	PAOC 18 IW-44 WG-17303-060707-DR-026 06/07/2007	PAOC 18 IW-44 WG-17303-090507-EV-001 09/05/2007	PAOC 18 IW-44 WG-17303-120407-DR-006 12/04/2007	PAOC 18 IW-44 WG-17303-032408-DR-002 03/24/2008	PAOC 18 IW-44 WG-17303-061808-DR-002 06/18/2008	PAOC 18 IW-44 WG-17303-092508-CB-053 09/25/2008	PAOC 18 IW-44 WG-17303-032609-CB-092 03/26/2009	PAOC 18 IW-45 GW-17303-112502-MM-140 11/25/2002
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
1,1,1-Trichloroethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 UJ	6.2 U	0.001 U
1,1,2-Trichloroethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,1-Dichloroethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,1-Dichloroethene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
1,2,4-Trichlorobenzene	mg/L	12 U	12 U	12 U	25 U	10 U	10 U	17 U	36 U	31 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	-	-	2.5 U	5 U	2 U	-	-	-	-	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	-
1,2-Dichlorobenzene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,2-Dichloroethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	2.5 U	5 U	2 U	-	-	-	-	0.001 U
1,3-Dichlorobenzene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	62 U	62 U	62 U	120 U	50 U	50 U	83 U	180 U	160 U	0.025 U
2-Hexanone	mg/L	120 U	120 U	120 UJ	250 U	100 U	100 U	170 U	360 U	310 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	120 U	120 U	120 UJ	250 U	100 U	100 U	170 U	360 U	310 U	0.05 U
Acetone	mg/L	62 U	62 U	62 U	120 U	50 U	50 U	83 U	180 U	160 U	0.025 U
Benzene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Bromodichloromethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Bromoform	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Carbon disulfide	mg/L	12 U	12 U	12 U	25 U	10 U	10 U	17 U	36 U	31 U	0.005 U
Carbon tetrachloride	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Chlorobenzene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
Chloroethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 UJ	3.3 U	7.1 U	6.2 U	0.001 U
Chloroform (Trichloromethane)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
cis-1,2-Dichloroethene	mg/L	84 ^{dehj}	57 ^{dehj}	87 ^{dehj}	120 ^{dehij}	62 ^{dehj}	71 ^{dehj}	70 ^{dehj}	160 ^{dehij}	170 ^{dehij}	0.48 ^{eh}
cis-1,3-Dichloropropene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Cyclohexane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	-
Dibromochloromethane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	0.02 U
Ethylbenzene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 UJ	7.1 U	6.2 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	0.01 U
Isopropyl benzene	mg/L	12 U	12 U	12 U	25 U	10 U	10 U	17 U	36 U	31 U	0.005 U
Methyl acetate	mg/L	25 U	25 U	25 UJ	50 U	20 U	20 U	33 U	71 U	62 U	-
Methyl cyclohexane	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 UJ	7.1 U	6.2 U	-
Methyl tert butyl ether (MTBE)	mg/L	12 U	12 U	12 U	25 U	10 U	10 U	17 U	36 U	31 U	-
Methylene chloride	mg/L	12 U	12 U	12 U	25 U	10 U	10 U	17 U	36 U	31 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	0.005 U
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	0.005 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-44	IW-45
Sample ID:	WG-17303-120506-DK-003	WG-17303-030807-DR-014	WG-17303-060707-DR-026	WG-17303-090507-EV-001	WG-17303-120407-DR-006	WG-17303-032408-DR-002	WG-17303-061808-DR-002	WG-17303-092508-CB-053	WG-17303-032609-CB-092	GW-17303-112502-MM-140		
Sample Date:	12/05/2006	03/08/2007	06/07/2007	09/05/2007	12/04/2007	03/24/2008	06/18/2008	09/25/2008	03/26/2009	11/25/2002		
Sample Type:												
Parameter:												
	Units											
Tetrachloroethene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U	
Toluene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	0.001 U	
trans-1,2-Dichloroethene	mg/L	0.99 J ^{eh}	0.6 J ^{eh}	0.77 J ^{eh}	1.1 J ^{eh}	0.7 J ^{eh}	0.77 J ^{eh}	0.78 J ^{eh}	7.1 U	1.3 J ^{eh}	0.001 U	
trans-1,3-Dichloropropene	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 UJ	6.2 U	0.001 U	
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	0.05 U	
Trichloroethene	mg/L	1.7 J ^{deh}	4.3 ^{dehj}	1.8 J ^{deh}	1.7 J ^{deh}	0.93 J ^{deh}	3.6 ^{dehj}	3.3 U	7.1 U	18 ^{dehij}	0.56 J ^{deh}	
Trichlorofluoromethane (CFC-11)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	-	
Trifluorotrichloroethane (Freon 113)	mg/L	2.5 U	2.5 U	2.5 U	5 U	2 U	2 U	3.3 U	7.1 U	6.2 U	-	
Vinyl chloride	mg/L	16 ^{cdefhi}	17 ^{cdefhi}	18 ^{cdefhij}	35 ^{bcdefhij}	26 ^{cdefhij}	31 ^{cdefhij}	95 ^{bcdefhij}	51 ^{bcdefhij}	11 ^{cdehi}	0.032 ^{deh}	
Xylenes (total)	mg/L	5 U	5 U	5 U	10 U	4 U	4 U	6.7 UJ	14 U	12 U	0.003 U	

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		IW-45	IW-45	IW-45	IW-45	IW-45	IW-45	IW-45	IW-45	IW-45	IW-46
		WG-17303-062205-DR-0813	WG-17303-030807-DR-007	WG-17303-060707-DR-029	WG-17303-090507-NRS-002	WG-17303-120407-DR-005	WG-17303-032508-DR-006	WG-17303-061808-DR-001	WG-17303-092508-CB-054	WG-17303-032609-CB-089	GW-17303-JH-121401-103
		06/22/2005	03/08/2007	06/07/2007	09/05/2007	12/04/2007	03/25/2008	06/18/2008	09/25/2008	03/26/2009	12/14/2001
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
1,1,1-Trichloroethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 UJ	1.2 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,1-Dichloroethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,1-Dichloroethene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.02 th
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
1,2,4-Trichlorobenzene	mg/L	1.7 U	3.1 U	4.2 U	10 U	25 U	5 U	8.3 U	36 U	6.2 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	0.83 U	2 U	5 U	-	-	-	-	0.01
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	-
1,2-Dichlorobenzene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,2-Dichloroethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.016 th
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	0.83 U	2 U	5 U	-	-	-	-	0.003
1,3-Dichlorobenzene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	8.3 U	16 U	21 U	50 U	120 U	25 U	42 U	180 U	31 U	0.05 U
2-Hexanone	mg/L	17 U	31 U	42 U	100 U	250 U	50 U	83 U	360 U	62 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	17 UJ	31 U	42 UJ	100 U	250 U	50 U	83 U	360 U	62 U	0.05 U
Acetone	mg/L	R	16 U	21 U	50 U	120 U	25 U	42 U	180 U	31 U	0.1 U
Benzene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.02 th
Bromodichloromethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Bromoform	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Carbon disulfide	mg/L	1.7 U	3.1 U	4.2 U	10 U	25 U	5 U	8.3 U	36 U	6.2 U	0.005 U
Carbon tetrachloride	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Chlorobenzene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
Chloroethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 UJ	1.7 U	7.1 U	1.2 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.005
Chloromethane (Methyl chloride)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
cis-1,2-Dichloroethene	mg/L	2.2 ^{deh}	16 ^{dehj}	30 ^{dehij}	56 ^{dehij}	130 ^{dehij}	32 ^{dehj}	60 ^{dehj}	160 ^{dehij}	33 ^{dehj}	16 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 UJ	7.1 U	1.2 U	0.001 U
Cyclohexane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	-
Dibromochloromethane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.33 UJ	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	0.02 U
Ethylbenzene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 UJ	7.1 U	1.2 U	0.055 ^d
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
Isopropyl benzene	mg/L	1.7 U	3.1 U	4.2 U	10 U	25 U	5 U	8.3 U	36 U	6.2 U	0.002
Methyl acetate	mg/L	3.3 U	6.2 U	8.3 UJ	20 U	50 U	10 U	17 U	71 U	12 U	-
Methyl cyclohexane	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	-
Methyl tert butyl ether (MTBE)	mg/L	1.7 U	3.1 U	4.2 U	10 U	25 U	5 U	8.3 U	36 U	6.2 U	-
Methylene chloride	mg/L	1.7 U	3.1 U	4.2 U	10 U	25 U	5 U	8.3 U	36 U	6.2 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	0.005 U
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	0.001 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 UJ	7.1 U	1.2 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-45	PAOC 18 IW-46	
Sample Location:		WG-17303-062205-DR-0813	WG-17303-030807-DR-007	WG-17303-060707-DR-029	WG-17303-090507-NRS-002	WG-17303-120407-DR-005	WG-17303-032508-DR-006	WG-17303-061808-DR-001	WG-17303-092508-CB-054	WG-17303-032609-CB-089	GW-17303-JH-121401-103
Sample ID:		06/22/2005	03/08/2007	06/07/2007	09/05/2007	12/04/2007	03/25/2008	06/18/2008	09/25/2008	03/26/2009	12/14/2001
Sample Date:											
Sample Type:											
Parameter:											
	Units										
Tetrachloroethene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.001 U
Toluene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	0.095
trans-1,2-Dichloroethene	mg/L	0.058 J	0.21 ^{J^{eh}}	0.31 ^{J^{eh}}	0.61 ^{J^{eh}}	0.99 ^{J^{eh}}	0.39 ^{J^{eh}}	0.46 ^{J^{eh}}	7.1 U	0.37 ^{J^{eh}}	0.062
trans-1,3-Dichloropropene	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 UJ	1.2 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	0.002 U
Trichloroethene	mg/L	9.9 ^{dehj}	19 ^{dehij}	16 ^{dehij}	22 ^{dehij}	7.3 ^{dehj}	15 ^{dehj}	20 ^{dehij}	9.2 ^{dehj}	11 ^{dehj}	1.2 ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.33 U	0.62 U	0.83 U	2 U	5 U	1 U	1.7 U	7.1 U	1.2 U	-
Vinyl chloride	mg/L	0.25 ^{J^{deh}}	0.62 ^{deh}	2 ^{cdehi}	1.5 ^{J^{cdehi}}	19 ^{cdehij}	2.3 ^{cdehi}	6.3 ^{cdehi}	11 ^{cdehi}	3.1 ^{cdehi}	2.1 ^{cdehi}
Xylenes (total)	mg/L	0.67 U	1.2 U	1.7 U	4 U	10 U	2 U	3.3 UJ	14 U	2.5 U	0.35 ^{deh}

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-46 GW-17303-011402-BN-114 01/14/2002	PAOC 18 IW-46 GW-17303-011402-BN-115 01/14/2002 Duplicate	PAOC 18 IW-46 GW-17303-031402-TJ-120 03/14/2002	PAOC 18 IW-46 GW-17303-031402-TJ-121 03/14/2002 Duplicate	PAOC 18 IW-46 GW-17303-050602-MM-127 05/06/2002	PAOC 18 IW-46 GW-072202-MM-133 07/22/2002	PAOC 18 IW-46 GW-17303-112502-MM-143 11/25/2002	PAOC 18 IW-46 17303-062603-HH-IW46-203 06/26/2003	PAOC 18 IW-46 17303-130803-HS-214 08/13/2003	PAOC 18 IW-46 17303-130803-HS-215 08/13/2003 Duplicate	PAOC 18 IW-46 GW-17303-120303-DCR-266 12/03/2003
VOCs	Units											
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.009 ^{eh}	0.008 ^{eh}	0.004	0.001 U	0.002	0.003	0.002	0.002	0.17 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,1-Dichloroethene	mg/L	0.002	0.002	0.006	0.006	0.001 UJ	0.001 U	0.018 ^{eh}	0.001 UJ	0.007	0.007	0.17 U
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U	0.005 U	0.005 U	0.83 U
1,2,4-Trimethylbenzene	mg/L	0.006	0.005	0.016	0.001 U	0.001 U	0.001 U	0.001	0.001 U	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	-	-	-	0.001 U	0.001 U	0.17 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,2-Dichloroethane	mg/L	0.004	0.004	0.016 ^{eh}	0.016 ^{eh}	0.007 ^{eh}	0.009 ^{eh}	0.012 ^{eh}	0.009 ^{eh}	0.003	0.003	0.17 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	5.1	4.71	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,3,5-Trimethylbenzene	mg/L	0.002	0.002	0.006	0.006	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	0.005 U	0.005 U	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U	0.025 U	0.025 U	0.025 U	4.2 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	8.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	8.3 U
Acetone	mg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.25	0.82 ^h	0.025 U	0.17	0.025 U	0.025 U	4.2 U
Benzene	mg/L	0.005	0.005	0.022 ^{eh}	0.021 ^{eh}	0.01 ^{eh}	0.008 ^{eh}	0.015 ^{eh}	0.016 ^{eh}	0.011 ^{eh}	0.011 ^{eh}	0.17 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001	0.001	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.83 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Chloroform (Trichloromethane)	mg/L	0.003	0.003	0.016	0.016	0.007	0.004	0.005	0.007	0.003	0.003	0.17 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
cis-1,2-Dichloroethene	mg/L	1.2 ^{deh}	1.4 ^{deh}	13 ^{dehj}	11 ^{deh}	0.001 U	0.001 U	13 ^{dehj}	0.001 U	4.9 ^{deh}	4.5 ^{deh}	5.5 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Cyclohexane	mg/L	-	-	-	-	-	-	-	-	0.007	0.007	0.17 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Dibromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Ethyl ether	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	-
Ethylbenzene	mg/L	0.023 ^d	0.021 ^d	0.061 ^d	0.061 ^d	0.034 ^d	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Iodomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.01 U	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.003	0.003	0.002	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.83 U
Methyl acetate	mg/L	-	-	-	-	-	-	-	-	0.01 U	0.01 U	1.7 U
Methyl cyclohexane	mg/L	-	-	-	-	-	-	-	-	0.014	0.014	0.17 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	-	-	-	0.005 U	0.005 U	0.83 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.83 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.005 U	0.005 U	0.005	0.006	0.005 U	0.005 U	0.005 U	0.005 U	-	-	-
N-Propylbenzene	mg/L	0.001 U	0.001 U	0.002	0.002	0.001	0.001 U	0.005 U	0.005 U	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46	PAOC 18 IW-46
Sample Location:		GW-17303-011402-BN-114	GW-17303-011402-BN-115	GW-17303-031402-TJ-120	GW-17303-031402-TJ-121	GW-17303-050602-MM-127	GW-072202-MM-133	GW-17303-112502-MM-143	17303-062603-HH-IW46-203	17303-130803-HS-214	17303-130803-HS-215	GW-17303-120303-DCR-266
Sample ID:		01/14/2002	01/14/2002	03/14/2002	03/14/2002	05/06/2002	07/22/2002	11/25/2002	06/26/2003	08/13/2003	08/13/2003	12/03/2003
Sample Date:												
Sample Type:												
Parameter:	Units		Duplicate		Duplicate						Duplicate	
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
Toluene	mg/L	0.025	0.025	0.088	0.083	0.044 J	0.004	0.04	0.003	0.019	0.019	0.17 U
trans-1,2-Dichloroethene	mg/L	0.05	0.051	0.75 ^{eh}	0.66 ^{eh}	0.001 U	0.001 U	0.36 ^{jeh}	0.001 U	0.2 ^{eh}	0.21 ^{eh}	0.21 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.17 U
trans-1,4-Dichloro-2-butene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.05 U	0.05 U	-	-	-
Trichloroethene	mg/L	0.38 ^{deh}	0.38 ^{deh}	0.35 ^{deh}	0.36 ^{deh}	0.001 UJ	0.001 U	0.22 ^{jdeh}	0.001 UJ	0.16 ^{eh}	0.15 ^{eh}	0.22 ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	-	-	-	0.001 U	0.001 U	0.17 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	-	-	-	0.001 U	0.001 U	0.17 U
Vinyl chloride	mg/L	1.1 ^{cdeh}	1.2 ^{cdehi}	1.6 ^{cdehi}	1.4 ^{cdehi}	0.001 U	0.001 U	2.8 ^{cdehi}	0.001 U	1.7 ^{cdehi}	1.6 ^{cdehi}	3.5 ^{cdehi}
Xylenes (total)	mg/L	0.17 ^d	0.158 ^d	0.44 ^{deh}	0.43 ^{deh}	0.104 ^d	0.003 U	0.049 ^d	0.003 U	0.079 ^d	0.079 ^d	0.33 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18 IW-46 GW-17303-040104-DCR-307 04/01/2004	PAOC 18 IW-46 GW-17303-063004-DR-371 06/30/2004	PAOC 18 IW-46 GW-17303-092204-MM-637 09/22/2004	PAOC 18 IW-46 GW-17303-120804-DCR-658 12/08/2004	PAOC 18 IW-46 GW-17303-031005-DR-687 03/10/2005	PAOC 18 IW-46 WG-17303-062305-DR-0821 06/23/2005	PAOC 18 IW-46 WG-17303-100505-AB-0889 10/05/2005	PAOC 18 IW-46 WG-17303-100505-AB-0890 10/05/2005 Duplicate	PAOC 18 IW-46 WG-17303-030806-NR-0956 03/08/2006	PAOC 18 IW-46 WG-17303-063006-EV-018 06/30/2006
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,1,2,2-Tetrachloroethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,1,2-Trichloroethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,1-Dichloroethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,1-Dichloroethene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.00013 J	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	2.1 U	0.62 U	1.7 U	8.3 U	0.005 U	4.2 U	3.6 U	3.6 U	1.2 U	2.5 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,2-Dichlorobenzene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,2-Dichloroethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	10 U	3.1 U	8.3 U	42 U	0.025 U	21 U	18 U	18 U	6.2 U	12 U
2-Hexanone	mg/L	21 U	6.2 U	17 U	83 U	0.05 U	42 U	36 U	36 U	12 U	25 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	21 U	6.2 U	17 U	83 U	0.05 U	42 U	36 U	36 U	12 U	25 UJ
Acetone	mg/L	10 U	3.1 U	8.3 U	42 U	0.025 U	21 U	3.5 ^{deh}	3.6 ^J deh	6.2 U	12 U
Benzene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Bromodichloromethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Bromoform	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Bromomethane (Methyl bromide)	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Carbon disulfide	mg/L	2.1 U	0.62 U	1.7 U	8.3 U	0.005 U	4.2 U	3.6 U	3.6 U	1.2 U	2.5 U
Carbon tetrachloride	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Chlorobenzene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Chloroform (Trichloromethane)	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Chloromethane (Methyl chloride)	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
cis-1,2-Dichloroethene	mg/L	10 ^{deh}	2.9 ^{deh}	8.8 ^{deh}	59 ^{dehj}	8.5 ^{deh}	16 ^{dehj}	4.6 ^{deh}	4.8 ^{deh}	5.4 ^{deh}	16 ^J dehj
cis-1,3-Dichloropropene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 UJ	0.71 UJ	0.25 U	0.5 UJ
Cyclohexane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 UJ
Dibromochloromethane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 UJ
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.41 ^J dehj	0.71 U	0.71 U	0.25 U	0.5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	2.1 U	0.62 U	1.7 U	8.3 U	0.005 U	4.2 U	3.6 U	3.6 U	1.2 U	2.5 U
Methyl acetate	mg/L	4.2 U	1.2 U	3.3 U	17 U	0.01 U	8.3 U	7.1 UJ	7.1 UJ	2.5 U	5 U
Methyl cyclohexane	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 UJ
Methyl tert butyl ether (MTBE)	mg/L	2.1 U	0.62 U	1.7 U	8.3 U	0.005 U	4.2 U	3.6 U	3.6 U	1.2 U	2.5 U
Methylene chloride	mg/L	2.1 U	0.62 U	1.7 U	8.3 U	0.005 U	4.2 U	0.11 ^J eh	3.6 U	1.2 U	2.5 U
m-Xylene	mg/L	-	-	-	-	0.002 U	0.67 ^J eh	1.4 U	1.4 U	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	0.00019 J	0.3 ^J eh	0.71 U	0.71 U	-	-
Styrene	mg/L	0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 UJ

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	IW-46	IW-46	IW-46	IW-46	IW-46	IW-46	IW-46	IW-46	IW-46	IW-46
Sample ID:	GW-17303-040104-DCR-307	GW-17303-063004-DR-371	GW-17303-092204-MM-637	GW-17303-120804-DCR-658	GW-17303-031005-DR-687	WG-17303-062305-DR-0821	WG-17303-100505-AB-0889	WG-17303-100505-AB-0890	WG-17303-030806-NR-0956	WG-17303-063006-EV-018
Sample Date:	04/01/2004	06/30/2004	09/22/2004	12/08/2004	03/10/2005	06/23/2005	10/05/2005	10/05/2005	03/08/2006	06/30/2006
Sample Type:										
Parameter:								Duplicate		
Tetrachloroethene	mg/L0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Toluene	mg/L0.42 U	0.12 U	0.33 U	0.37 J ^d	0.001 U	0.12 J	0.71 U	0.71 U	0.25 U	0.5 U
trans-1,2-Dichloroethene	mg/L0.26 J ^{eh}	0.098 J	0.22 J ^{eh}	0.83 J ^{eh}	0.0016	0.21 J ^{eh}	0.15 J ^{eh}	0.16 J ^{eh}	0.24 J ^{eh}	0.23 J ^{eh}
trans-1,3-Dichloropropene	mg/L0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 UJ	0.71 UJ	0.25 U	0.5 UJ
trans-1,4-Dichloro-2-butene	mg/L-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L0.15 J ^{eh}	0.085 J ^{eh}	0.1 J ^{eh}	1.1 J ^{deh}	0.00058 J	0.094 J ^{eh}	0.081 J ^{eh}	0.12 J ^{eh}	0.081 J ^{eh}	0.5 U
Trichlorofluoromethane (CFC-11)	mg/L0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Trifluorotrichloroethane (Freon 113)	mg/L0.42 U	0.12 U	0.33 U	1.7 U	0.001 U	0.83 U	0.71 U	0.71 U	0.25 U	0.5 U
Vinyl chloride	mg/L3.4 ^{cdehi}	3.1 ^{cdehi}	3 ^{cdehi}	5.8 ^{cdehi}	5.5 ^{cdehi}	9 ^{cdehi}	11 ^{cdehi}	11 ^{cdehi}	7.2 ^{cdehi}	6.2 J ^{cdehi}
Xylenes (total)	mg/L0.83 U	0.25 U	0.67 U	3.3 U	0.00019 J	1.1 J ^{dehj}	2.1 U	2.1 U	0.5 U	1 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-46 WG-17303-100506-NRS-062 10/05/2006	PAOC 18 IW-46 WG-17303-120506-DK-008 12/05/2006	PAOC 18 IW-46 WG-17303-030807-NRS-010 03/08/2007	PAOC 18 IW-46 WG-17303-060507-EV-006 06/05/2007	PAOC 18 IW-46 WG-17303-090507-DR-008 09/05/2007	PAOC 18 IW-46 WG-17303-120407-DR-002 12/04/2007	PAOC 18 IW-46 WG-17303-032508-CB-011 03/25/2008	PAOC 18 IW-49 GW-17303-JH-121401-104 12/14/2001	PAOC 18 IW-49 GW-17303-JH-121401-105 12/14/2001 Duplicate	PAOC 18 IW-49 GW-17303-011402-BN-116 01/14/2002
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 UJ	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 UJ	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.002	0.002	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	1.7 U	0.83 U	0.077 U	1.7 U	0.71 U	1.2 U	1.7 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	0.33 U	0.14 U	0.25 U	-	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	-	-	-
1,2-Dichlorobenzene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	0.33 U	0.14 U	0.25 U	-	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	8.3 U	4.2 U	0.38 U	8.3 UJ	3.6 U	6.2 U	8.3 U	0.05 U	0.05 U	0.05 U
2-Hexanone	mg/L	17 U	8.3 U	0.77 U	17 UJ	7.1 U	12 U	17 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	17 U	8.3 U	0.77 U	17 UJ	7.1 U	12 U	17 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	8.3 U	4.2 U	0.38 U	8.3 U	3.6 U	6.2 U	8.3 U	0.1 U	0.1 U	0.1 U
Benzene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.005	0.005	0.003
Bromodichloromethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001
Bromoform	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	1.7 U	0.83 U	0.077 U	1.7 U	0.71 U	1.2 U	1.7 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 UJ	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.01	0.009	0.01
Chloromethane (Methyl chloride)	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	10 J ^{deh}	5.9 ^{deh}	0.42 ^{eh}	9.5 ^{deh}	3.7 ^{deh}	8.5 ^{deh}	7.7 ^{deh}	2.1 ^{deh}	2.3 ^{deh}	0.31 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.33 UJ	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	-	-	-
Dibromochloromethane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.33 U	0.17 U	0.015 U	0.33 UJ	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	0.02 U	0.02 U	0.02 U
Ethylbenzene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	1.7 U	0.83 U	0.077 U	1.7 U	0.71 U	1.2 U	1.7 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	3.3 U	1.7 U	0.15 U	3.3 UJ	1.4 U	2.5 U	3.3 U	-	-	-
Methyl cyclohexane	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	1.7 U	0.83 U	0.077 U	1.7 U	0.71 U	1.2 U	1.7 U	-	-	-
Methylene chloride	mg/L	1.7 U	0.83 U	0.077 U	1.7 U	0.71 U	1.2 U	0.11 J ^{eh}	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	0.005 U	0.005 U	0.005 U
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.33 U	0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	IW-46		IW-46	IW-46	IW-46	IW-46	IW-46	IW-46	IW-49	IW-49	IW-49
Sample ID:	WG-17303-100506-NRS-062		WG-17303-120506-DK-008	WG-17303-030807-NRS-010	WG-17303-060507-EV-006	WG-17303-090507-DR-008	WG-17303-120407-DR-002	WG-17303-032508-CB-011	GW-17303-JH-121401-104	GW-17303-JH-121401-105	GW-17303-011402-BN-116
Sample Date:	10/05/2006		12/05/2006	03/08/2007	06/05/2007	09/05/2007	12/04/2007	03/25/2008	12/14/2001	12/14/2001	01/14/2002
Sample Type:											
Parameter:										Duplicate	
Units											
Tetrachloroethene	mg/L 0.33 UJ		0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L 0.33 U		0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.004	0.004	0.001
trans-1,2-Dichloroethene	mg/L 0.28 J ^{eh}		0.23 ^{eh}	0.02	0.15 J ^{eh}	0.16 ^{eh}	0.14 J ^{eh}	0.18 J ^{eh}	0.078	0.069	0.012
trans-1,3-Dichloropropene	mg/L 0.33 U		0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L -		-	-	-	-	-	-	0.002 U	0.002 U	0.002 U
Trichloroethene	mg/L 0.33 U		0.14 J ^{eh}	0.0062 J ^{eh}	0.33 U	0.14 U	0.25 U	0.096 J ^{eh}	10 ^{dehj}	13 ^{dehj}	8.4 ^{dehj}
Trichlorofluoromethane (CFC-11)	mg/L 0.33 U		0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L 0.33 U		0.17 U	0.015 U	0.33 U	0.14 U	0.25 U	0.33 U	-	-	-
Vinyl chloride	mg/L 6.1 J ^{cdehi}		2.4 ^{cdehi}	0.21 ^{deh}	9.1 J ^{cdehi}	2.7 ^{cdehi}	4.5 ^{cdehi}	6.8 ^{cdehi}	0.087 J ^{deh}	0.096 J ^{deh}	0.019 ^{deh}
Xylenes (total)	mg/L 0.67 U		0.33 U	0.031 U	0.67 U	0.29 U	0.5 U	0.67 U	0.003 U	0.003 U	0.003 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49
		GW-17303-031402-TJ-122	GW-17303-050602-MM-128	GW-072202-MM-134	GW-17303-112502-MM-142	17303-062603-HH-IW49-201	17303-062603-HH-IW49-202	17303-130803-HS-213	GW-17303-120303-DCR-265	GW-17303-040104-DCR-313	GW-17303-063004-DR-372
		03/14/2002	05/06/2002	07/22/2002	11/25/2002	06/26/2003	06/26/2003	08/13/2003	12/03/2003	04/01/2004	06/30/2004
							Duplicate				
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.005 U	0.42 U	0.083 U	0.42 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	-	0.001 U	0.083 U	0.017 U	0.083 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	0.62	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	0.005 U	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.05 U	0.05 U	0.025 U	0.025 U	0.025 U	0.025 U	2.1 U	0.42 U	2.1 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	4.2 U	0.01 J	4.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	4.2 U	0.83 U	4.2 U
Acetone	mg/L	0.1 U	0.14	0.1 U	0.025 U	0.072	0.025 U	0.025 U	2.1 U	0.42 U	2.1 U
Benzene	mg/L	0.003	0.002	0.001	0.001 U	0.0021	0.0022	0.001	0.083 U	0.092 ^{eh}	0.058 J ^{eh}
Bromodichloromethane	mg/L	0.002	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.42 U	0.083 U	0.42 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Chloroform (Trichloromethane)	mg/L	0.016	0.011	0.004	0.002	0.0027	0.0029	0.001 U	0.083 U	0.017 U	0.083 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
cis-1,2-Dichloroethene	mg/L	0.7 ^{deh}	0.36 ^{eh}	0.18 ^{eh}	0.57 ^{eh}	0.9 ^{deh}	0.001 U	0.59 ^{eh}	1.1 ^{deh}	0.65 ^{deh}	0.85 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Cyclohexane	mg/L	-	-	-	-	-	-	0.001 U	0.083 U	0.012 J	0.083 U
Dibromochloromethane	mg/L	0.001 U	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Dibromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Ethyl ether	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.094 ^{deh}	0.055 J ^d
Iodomethane	mg/L	0.001 U	0.001 U	0.001 U	0.01 U	0.01 U	0.01 U	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.42 U	0.0099 J	0.42 U
Methyl acetate	mg/L	-	-	-	-	-	-	0.01 U	0.83 U	0.17 U	0.83 U
Methyl cyclohexane	mg/L	-	-	-	-	-	-	0.001 U	0.083 U	0.023	0.083 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	-	0.005 U	0.42 U	0.083 U	0.42 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.42 U	0.083 U	0.42 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	-	-
N-Propylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49	IW-49
Sample ID:	GW-17303-031402-TJ-122	GW-17303-050602-MM-128	GW-072202-MM-134	GW-17303-112502-MM-142	17303-062603-HH-IW49-201	17303-062603-HH-IW49-202	17303-130803-HS-213	GW-17303-120303-DCR-265	GW-17303-040104-DCR-313	GW-17303-063004-DR-372
Sample Date:	03/14/2002	05/06/2002	07/22/2002	11/25/2002	06/26/2003	06/26/2003	08/13/2003	12/03/2003	04/01/2004	06/30/2004
Sample Type:										
Parameter:						Duplicate				
Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U	0.083 U
Toluene	mg/L	0.001	0.001	0.001 U	0.001	0.001 U	0.001 U	0.083 U	0.46 ^d	0.29 ^d
trans-1,2-Dichloroethene	mg/L	0.05 U	0.01	0.045	0.027	0.02 U	0.001 U	0.03	0.052 J	0.019
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.083 U	0.017 U
trans-1,4-Dichloro-2-butene	mg/L	0.002 U	0.002 U	0.002 U	0.05 U	0.05 U	0.05 U	-	-	-
Trichloroethene	mg/L	8.3 ^{dehj}	5.8 ^{dehj}	1.7 ^{deh}	1.4 ^{deh}	1.6 ^{deh}	0.001 U	1.5 ^{deh}	2.7 ^{deh}	0.61 ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	-	0.001 U	0.083 U	0.017 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	-	0.001 U	0.083 U	0.017 U
Vinyl chloride	mg/L	0.11 ^{deh}	0.019 ^{gdeh}	0.04 ^{deh}	0.086 ^{deh}	0.033 ^{deh}	0.001 U	0.14 ^{deh}	0.061 ^{jdeh}	0.028 ^{deh}
Xylenes (total)	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.17 U	0.48 ^{deh}

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	PAOC 18 IW-49	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 IW-55	PAOC 18 MW-6	PAOC 18 MW-6	PAOC 18 MW-6
Sample ID:	GW-17303-092304-DCR-643	WG-17303-031507-NRS-038	WG-17303-060707-EV-030	WG-17303-090507-DR-003	WG-17303-120407-DR-004	WG-17303-032508-CB-005	WG-17303-061808-DR-006	WG-17303-092508-DR-058	WG-17303-032609-CB-095	PAOC 18 MW-6	PAOC 18 MW-6	PAOC 18 MW-6	PAOC 18 MW-6
Sample Date:	09/23/2004	03/15/2007	06/07/2007	09/05/2007	12/04/2007	03/25/2008	06/18/2008	09/25/2008	03/26/2009	04/24/1996	02/01/1997	05/01/1997	
Sample Type:													
Parameter:													
Units													
VOCs													
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 UJ	0.067 U	-	-	-
1,1,2-Trichloroethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,1-Dichloroethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,1-Dichloroethene	mg/L	0.05 U	0.011 J ^{eh}	0.012 J ^{eh}	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	0.001 U	0.025 ^{eh}	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.25 U	0.17 U	0.25 U	0.2 U	0.091 U	0.091 U	0.17 U	0.12 U	0.33 U	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	0.028 J ^d	0.039 J ^d	0.03 ^d	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,2-Dichlorobenzene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,2-Dichloroethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	0.0014	-
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	0.01 J	0.013 J	0.011 J	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1.2 U	0.83 U	1.2 U	1 U	0.45 U	0.45 U	0.83 U	0.62 U	1.7 U	-	-	-
2-Hexanone	mg/L	2.5 U	1.7 U	2.5 U	2 U	0.91 U	0.91 U	1.7 U	1.2 U	3.3 U	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	2.5 U	1.7 U	2.5 UJ	2 U	0.91 U	0.91 U	1.7 U	1.2 U	3.3 U	-	-	-
Acetone	mg/L	1.2 U	0.83 U	1.2 U	1 U	0.45 U	0.053 J	0.83 U	0.62 U	1.7 U	-	-	-
Benzene	mg/L	0.052 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	0.023 ^{eh}	0.023 ^{eh}
Bromodichloromethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Bromoform	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Bromomethane (Methyl bromide)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Carbon disulfide	mg/L	0.25 U	0.17 U	0.25 U	0.2 U	0.091 U	0.091 U	0.17 U	0.12 U	0.33 U	-	-	-
Carbon tetrachloride	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Chlorobenzene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 UJ	0.033 U	0.025 U	0.067 U	-	-	-
Chloroform (Trichloromethane)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Chloromethane (Methyl chloride)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
cis-1,2-Dichloroethene	mg/L	0.32 ^{eh}	1.1 ^{deh}	1.7 ^{deh}	1.1 ^{deh}	0.52 ^{eh}	0.19 ^{eh}	0.8 ^{deh}	0.42 ^{eh}	2.4 ^{deh}	0.02	3.5 ^{deh}	-
cis-1,3-Dichloropropene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 UJ	0.025 U	0.067 U	-	-	-
Cyclohexane	mg/L	0.05 U	0.006 J	0.05 U	0.04 U	0.0031 J	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Dibromochloromethane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.032 J ^d	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 UJ	0.025 U	0.067 U	-	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.25 U	0.0057 J	0.25 U	0.2 U	0.0037 J	0.091 U	0.17 U	0.12 U	0.33 U	-	-	-
Methyl acetate	mg/L	0.5 U	0.33 U	0.5 UJ	0.4 U	0.18 U	0.18 U	0.33 U	0.25 U	0.67 U	-	-	-
Methyl cyclohexane	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.0098 J	0.018 U	0.033 U	0.025 U	0.067 U	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	0.25 U	0.17 U	0.25 U	0.2 U	0.091 U	0.091 U	0.17 U	0.12 U	0.33 U	-	0.21 ^{eh}	-
Methylene chloride	mg/L	0.25 U	0.011 J ^{eh}	0.25 U	0.2 U	0.0083 J ^{eh}	0.0081 J ^{eh}	0.17 U	0.12 U	0.33 U	-	-	-
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 UJ	0.025 U	0.067 U	-	-	-

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	IW-49	IW-55	IW-55	IW-55	IW-55	IW-55	IW-55	IW-55	IW-55	IW-55	MW-6	MW-6
Sample ID:	GW-17303-092304-DCR-643	WG-17303-031507-NRS-038	WG-17303-060707-EV-030	WG-17303-090507-DR-003	WG-17303-120407-DR-004	WG-17303-032508-CB-005	WG-17303-061808-DR-006	WG-17303-092508-DR-058	WG-17303-032609-CB-095	MW-6	BBLMW-6	BBLMW-6
Sample Date:	09/23/2004	03/15/2007	06/07/2007	09/05/2007	12/04/2007	03/25/2008	06/18/2008	09/25/2008	03/26/2009	04/24/1996	02/01/1997	05/01/1997
Sample Type:												
Parameter:												
Units												
Tetrachloroethene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-
Toluene	mg/L	0.15	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	0.002
trans-1,2-Dichloroethene	mg/L	0.013 J	0.0076 J	0.05 U	0.04 U	0.0049 J	0.018 U	0.017 J	0.0089 J	0.063 J	0.0014	0.11 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 UJ	0.067 U	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	1.3 ^{deh}	0.79 ^{deh}	0.38 ^{deh}	0.51 ^{deh}	0.24 ^{deh}	0.53 ^{deh}	0.14 ^{eh}	0.25 ^{deh}	0.23 ^{deh}	0.0053 ^{eh}	0.5 ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.05 U	0.033 U	0.05 U	0.04 U	0.018 U	0.018 U	0.033 U	0.025 U	0.067 U	-	-
Vinyl chloride	mg/L	0.034 ^{j deh}	0.2 ^{deh}	0.39 ^{deh}	0.43 ^{deh}	0.27 ^{deh}	0.014 ^{j deh}	0.54 ^{deh}	0.81 ^{deh}	0.6 ^{deh}	0.15 ^{deh}	4.4 ^{cdehi}
Xylenes (total)	mg/L	0.14 ^d	0.046 ^{j d}	0.1 U	0.019 J	0.0096 J	0.036 U	0.067 UJ	0.05 U	0.13 U	-	0.0028

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-6 BBLMW-6 08/01/1997	PAOC 18 MW-6 BBLMW-6 11/01/1997	PAOC 18 MW-6 W-1190507-090399-SN-011 09/03/1999	PAOC 18 MW-6 17303-062603-HH-MW6-204 06/26/2003	PAOC 18 MW-6 GW-17303-120303-DCR-267 12/03/2003	PAOC 18 MW-6 GW-17303-040104-DCR-308 04/01/2004	PAOC 18 MW-6 GW-17303-063004-DR-368 06/30/2004	PAOC 18 MW-6 GW-17303-092204-MM-638 09/22/2004	PAOC 18 MW-6 GW-17303-120804-DCR-661 12/08/2004	PAOC 18 MW-6 GW-17303-031005-DR-689 03/10/2005	PAOC 18 MW-6 WG-17303-062305-DR-0820 06/23/2005
	Units											
VOCs												
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	0.001 U	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,1,2,2-Tetrachloroethane	mg/L	-	-	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,1,2-Trichloroethane	mg/L	-	-	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,1-Dichloroethane	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,1-Dichloroethene	mg/L	0.01 U	0.001 U	0.001	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,2,3-Trichloropropane	mg/L	-	-	-	0.001 U	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	0.001 U	0.033 U	0.033 U	0.045 U	0.056 U	0.056 U	0.16 U	0.25 U
1,2,4-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,2-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,2-Dichloroethane	mg/L	0.01 U	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,3,5-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	0.05 U	0.025 U	0.17 U	0.17 U	0.23 U	0.28 U	0.28 U	0.78 U	1.3 U
2-Hexanone	mg/L	-	-	-	0.05 U	0.33 U	0.33 U	0.45 U	0.56 U	0.56 U	1.6 U	2.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	0.05 U	0.33 U	0.33 U	0.45 U	0.56 U	0.56 U	1.6 U	2.5 U
Acetone	mg/L	-	-	-	0.025 U	0.17 U	0.17 U	0.23 U	0.28 U	0.28 U	0.78 U	1.3 U
Benzene	mg/L	0.05 U	0.005 U	0.002	0.005	0.01 ^{eh}	0.0097 ^{eh}	0.0097 ^{eh}	0.014 ^{eh}	0.011 ^{eh}	0.01 J ^{eh}	0.012 J ^{eh}
Bromodichloromethane	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Bromoform	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Bromomethane (Methyl bromide)	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Carbon disulfide	mg/L	-	-	-	0.005 U	0.033 U	0.033 U	0.045 U	0.056 U	0.056 U	0.16 U	0.25 U
Carbon tetrachloride	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Chlorobenzene	mg/L	0.01 U	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Chlorobromomethane	mg/L	-	-	-	0.001 U	-	-	-	-	-	-	-
Chloroethane	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Chloroform (Trichloromethane)	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Chloromethane (Methyl chloride)	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
cis-1,2-Dichloroethene	mg/L	3 ^{deh}	0.58 ^{eh}	0.14 ^{eh}	0.015	0.0064 J	0.011	0.011	0.035	0.055	0.075 ^{eh}	0.14 ^{eh}
cis-1,3-Dichloropropene	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Cyclohexane	mg/L	-	-	-	-	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Dibromochloromethane	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Dibromomethane	mg/L	-	-	-	0.001 U	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Ethyl ether	mg/L	-	-	-	0.02 U	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.01 U	0.001 U	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Iodomethane	mg/L	-	-	-	0.01 U	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	0.005 U	0.033 U	0.033 U	0.045 U	0.056 U	0.056 U	0.16 U	0.25 U
Methyl acetate	mg/L	-	-	-	-	0.067 U	0.067 U	0.091 U	0.11 U	0.11 U	0.31 U	0.5 U
Methyl cyclohexane	mg/L	-	-	-	-	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	0.033 U	0.033 U	0.045 U	0.056 U	0.056 U	0.16 U	0.25 U
Methylene chloride	mg/L	-	-	-	0.005 U	0.033 U	0.033 U	0.045 U	0.056 U	0.056 U	0.16 U	0.25 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	0.063 U	0.1 U
Naphthalene	mg/L	-	-	0.005 U	0.005 U	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	0.001 U	0.005 U	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	0.031 U	0.05 U
Styrene	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	
Sample ID:	BBLMW-6	BBLMW-6	W-1190507-090399-SN-011	17303-062603-HH-MW6-204	GW-17303-120303-DCR-267	GW-17303-040104-DCR-308	GW-17303-063004-DR-368	GW-17303-092204-MM-638	GW-17303-120804-DCR-661	GW-17303-031005-DR-689	WG-17303-062305-DR-0820	
Sample Date:	08/01/1997	11/01/1997	09/03/1999	06/26/2003	12/03/2003	04/01/2004	06/30/2004	09/22/2004	12/08/2004	03/10/2005	06/23/2005	
Sample Type:												
Parameter:												
Units												
Tetrachloroethene	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Toluene	mg/L	0.01 U	0.001 U	0.001 U	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
trans-1,2-Dichloroethene	mg/L	0.12 ^{eh}	0.029	0.007	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.0021 J	0.0023 J	0.0033 J	0.0057 J
trans-1,3-Dichloropropene	mg/L	-	-	-	0.001 U	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	0.05 U	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.64 ^{deh}	0.14 ^{eh}	0.079 ^{eh}	0.033 ^{eh}	0.018 ^{eh}	0.0046 J	0.015 ^{eh}	0.061 ^{eh}	0.075 ^{eh}	0.043 ^{eh}	0.038 ^{jeh}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	0.0067 U	0.0067 U	0.0091 U	0.011 U	0.011 U	0.031 U	0.05 U
Vinyl chloride	mg/L	4.2 ^{dehi}	1 ^{deh}	0.92 ^{deh}	0.28 ^{deh}	0.24 ^{deh}	0.22 ^{deh}	0.35 ^{deh}	0.32 ^{deh}	0.33 ^{deh}	0.39 ^{deh}	0.67 ^{deh}
Xylenes (total)	mg/L	0.03 U	0.003 U	0.003 U	0.003 U	0.013 U	0.013 U	0.018 U	0.022 U	0.022 U	0.094 U	0.15 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-6 WG-17303-100505-AB-0887 10/05/2005	PAOC 18 MW-6 WG-17303-121405-AB-0919 12/14/2005	PAOC 18 MW-6 WG-17303-030806-NR-0958 03/08/2006	PAOC 18 MW-6 WG-17303-063006-LR-019 06/30/2006	PAOC 18 MW-6 WG-17303-100506-NRS-063 10/05/2006	PAOC 18 MW-6 WG-17303-100506-NRS-064 10/05/2006 Duplicate	PAOC 18 MW-6 WG-17303-120606-AF-013 12/06/2006	PAOC 18 MW-6 WG-17303-030807-EV-017 03/08/2007	PAOC 18 MW-6 WG-17303-060507-DR-008 06/05/2007	PAOC 18 MW-6 WG-17303-090507-DR-009 09/05/2007
	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,1,2,2-Tetrachloroethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 UJ	0.025 U
1,1,2-Trichloroethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,1-Dichloroethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,1-Dichloroethene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.25 U	0.25 U	0.25 U	0.17 U	0.2 U	0.2 U	0.17 U	0.25 U	0.083 U	0.12 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	0.017 U	0.025 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,2-Dichlorobenzene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,2-Dichloroethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	0.017 U	0.025 U
1,3-Dichlorobenzene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1.3 U	1.3 U	1.2 U	0.83 U	1 U	1 U	0.83 U	1.2 U	0.42 U	0.62 U
2-Hexanone	mg/L	2.5 U	2.5 U	2.5 UJ	1.7 U	2 U	2 U	1.7 U	2.5 U	0.83 U	1.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	2.5 U	2.5 U	2.5 U	1.7 UJ	2 U	2 U	1.7 U	2.5 U	0.83 UJ	1.2 U
Acetone	mg/L	1.3 U	1.3 U	1.2 U	0.83 U	1 U	1 U	0.83 U	1.2 U	0.42 U	0.62 U
Benzene	mg/L	0.012 J ^{eh}	0.011 J ^{eh}	0.05 U	0.013 J ^{eh}	0.04 U	0.017 J ^{eh}	0.033 U	0.05 U	0.0089 J ^{eh}	0.011 J ^{eh}
Bromodichloromethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Bromoform	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Bromomethane (Methyl bromide)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Carbon disulfide	mg/L	0.25 U	0.25 U	0.25 U	0.17 U	0.2 U	0.2 U	0.17 U	0.25 U	0.083 U	0.12 U
Carbon tetrachloride	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Chlorobenzene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Chloroform (Trichloromethane)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Chloromethane (Methyl chloride)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
cis-1,2-Dichloroethene	mg/L	0.29 ^{eh}	0.24 ^{eh}	0.23 ^{eh}	0.4 ^{eh}	0.43 ^{eh}	0.46 ^{eh}	0.29 ^{eh}	0.44 ^{eh}	0.31 ^{eh}	0.36 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.05 U	0.05 U	0.05 U	0.033 UJ	0.04 U	0.04 U	0.033 UJ	0.05 U	0.017 U	0.025 U
Cyclohexane	mg/L	0.05 U	0.05 U	0.05 U	0.033 UJ	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Dibromochloromethane	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.05 U	0.05 U	0.05 U	0.033 UJ	0.04 U	0.04 U	0.033 U	0.05 U	0.017 UJ	0.025 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.25 U	0.25 U	0.25 U	0.17 U	0.2 U	0.2 U	0.17 U	0.25 U	0.083 U	0.12 U
Methyl acetate	mg/L	0.5 U	0.5 U	0.5 U	0.33 U	0.4 U	0.4 U	0.33 U	0.5 U	0.17 UJ	0.25 U
Methyl cyclohexane	mg/L	0.05 U	0.05 U	0.05 U	0.033 UJ	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Methyl tert butyl ether (MTBE)	mg/L	0.25 U	0.25 U	0.25 U	0.17 U	0.2 U	0.2 U	0.17 U	0.25 U	0.083 U	0.12 U
Methylene chloride	mg/L	0.25 U	0.25 U	0.25 U	0.17 U	0.2 U	0.2 U	0.17 U	0.25 U	0.083 U	0.12 U
m-Xylene	mg/L	0.1 U	0.1 U	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	0.05 U	0.05 U	-	-	-	-	-	-	-	-
Styrene	mg/L	0.05 U	0.05 U	0.05 U	0.033 UJ	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	
Sample Location:	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	
Sample ID:	WG-17303-100505-AB-0887	WG-17303-121405-AB-0919	WG-17303-030806-NR-0958	WG-17303-063006-LR-019	WG-17303-100506-NRS-063	WG-17303-100506-NRS-064	WG-17303-120606-AF-013	WG-17303-030807-EV-017	WG-17303-060507-DR-008	WG-17303-090507-DR-009	
Sample Date:	10/05/2005	12/14/2005	03/08/2006	06/30/2006	10/05/2006	10/05/2006	12/06/2006	03/08/2007	06/05/2007	09/05/2007	
Sample Type:											
Parameter:						Duplicate					
	Units										
Tetrachloroethene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 UJ	0.04 UJ	0.033 U	0.05 U	0.017 U	0.025 U
Toluene	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
trans-1,2-Dichloroethene	mg/L	0.011 J	0.011 J	0.0087 J	0.016 J	0.017 J	0.018 J	0.012 J	0.016 J	0.014 J	0.016 J
trans-1,3-Dichloropropene	mg/L	0.05 U	0.05 U	0.05 U	0.033 UJ	0.04 UJ	0.04 UJ	0.033 U	0.05 U	0.017 U	0.025 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.025 ^{eh}	0.056 ^{eh}	0.043 J ^{eh}	0.021 ^{eh}	0.037 J ^{eh}	0.041 ^{eh}	0.03 J ^{eh}	0.05 U	0.024 ^{eh}	0.048 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.05 U	0.05 U	0.05 U	0.033 U	0.04 U	0.04 U	0.033 U	0.05 U	0.017 U	0.025 U
Vinyl chloride	mg/L	0.92 ^{deh}	0.86 ^{deh}	1.1 ^{cdeh}	1.1 ^{cdeh}	1.1 ^{cdeh}	1.3 ^{cdehi}	0.84 ^{deh}	1.3 ^{cdehi}	0.65 ^{deh}	0.65 ^{deh}
Xylenes (total)	mg/L	0.15 U	0.15 U	0.1 U	0.067 U	0.08 U	0.08 U	0.067 U	0.1 U	0.033 U	0.05 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-6 GW-17303-120607-DR-027 12/06/2007	PAOC 18 MW-6 WG-17303-032508-CB-013 03/25/2008	PAOC 18 MW-6 WG-17303-061908-DR-019 06/19/2008	PAOC 18 MW-6 WG-17303-092308-CB-029 09/23/2008	PAOC 18 MW18-03 WG-17303-070706-EV-032 07/07/2006	PAOC 18 MW18-06 WG-17303-081005-DR-0862 08/10/2005	PAOC 18 MW18-06 WG-17303-081005-DR-0863 08/10/2005	PAOC 18 MW18-06 WG-17303-081005-DR-0864 08/10/2005	PAOC 18 MW18-06 WG-17303-081005-DR-0865 08/10/2005	PAOC 18 MW18-07 WG-17303-030806-LA-0960 03/08/2006
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,1,2,2-Tetrachloroethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 UJ	25 U	12 UJ	10 U	10 U	10 U	0.01 U
1,1,2-Trichloroethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,1-Dichloroethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,1-Dichloroethene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.0018 J
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.14 U	0.25 U	0.2 U	0.33 U	120 U	62 U	50 U	50 U	50 U	0.05 U
1,2,4-Trimethylbenzene	mg/L	0.029 U	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,2-Dichlorobenzene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,2-Dichloroethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,3,5-Trimethylbenzene	mg/L	0.029 U	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.71 U	1.2 U	1 U	1.7 U	620 U	310 U	250 U	250 U	250 U	0.25 U
2-Hexanone	mg/L	1.4 U	2.5 U	2 U	3.3 U	1200 U	620 U	500 U	500 U	500 U	0.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1.4 U	2.5 U	2 U	3.3 U	1200 UJ	620 U	500 U	500 U	500 U	0.5 U
Acetone	mg/L	0.71 U	1.2 U	1 U	1.7 U	620 U	310 U	250 U	250 U	250 U	0.25 U
Benzene	mg/L	0.012 J ^{eh}	0.05 U	0.017 J ^{eh}	0.016 J ^{eh}	25 U	12 U	10 U	10 U	10 U	0.01 U
Bromodichloromethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Bromoform	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Bromomethane (Methyl bromide)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 UJ	10 U	10 U	10 U	0.01 U
Carbon disulfide	mg/L	0.14 U	0.25 U	0.2 U	0.33 U	120 UJ	62 U	50 U	50 U	50 U	0.05 U
Carbon tetrachloride	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Chlorobenzene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.029 U	0.05 UJ	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Chloroform (Trichloromethane)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Chloromethane (Methyl chloride)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
cis-1,2-Dichloroethene	mg/L	0.33 ^{eh}	0.37 ^{eh}	0.48 ^{eh}	0.6 ^{eh}	500 ^{cdefhij}	390 ^{cdefhij}	360 ^{cdefhij}	360 ^{cdefhij}	360 ^{cdefhij}	0.27 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 UJ	12 U	10 U	10 U	10 U	0.01 U
Cyclohexane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 UJ	12 U	10 U	10 U	10 U	0.01 U
Dibromochloromethane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 UJ	12 U	10 U	10 U	10 U	0.01 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.029 U	0.05 U	0.04 UJ	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.14 U	0.25 U	0.2 U	0.33 U	120 U	62 U	50 U	50 U	50 U	0.05 U
Methyl acetate	mg/L	0.29 U	0.5 U	0.4 U	0.67 U	250 U	120 U	100 U	100 U	100 U	0.1 U
Methyl cyclohexane	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 UJ	12 U	10 U	10 U	10 U	0.01 U
Methyl tert butyl ether (MTBE)	mg/L	0.14 U	0.25 U	0.2 U	0.33 U	120 UJ	62 U	50 U	50 U	50 U	0.05 U
Methylene chloride	mg/L	0.14 U	0.016 J ^{eh}	0.2 U	0.33 U	120 U	62 U	50 UJ	50 UJ	50 UJ	0.05 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-6 GW-17303-120607-DR-027 12/06/2007	PAOC 18 MW-6 WG-17303-032508-CB-013 03/25/2008	PAOC 18 MW-6 WG-17303-061908-DR-019 06/19/2008	PAOC 18 MW-6 WG-17303-092308-CB-029 09/23/2008	PAOC 18 MW18-03 WG-17303-070706-EV-032 07/07/2006	PAOC 18 MW18-06 WG-17303-081005-DR-0862 08/10/2005	PAOC 18 MW18-06 WG-17303-081005-DR-0863 08/10/2005	PAOC 18 MW18-06 WG-17303-081005-DR-0864 08/10/2005	PAOC 18 MW18-06 WG-17303-081005-DR-0865 08/10/2005	PAOC 18 MW18-07 WG-17303-030806-LA-0960 03/08/2006
Units											
Tetrachloroethene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Toluene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
trans-1,2-Dichloroethene	mg/L	0.013 J	0.017 J	0.021 J	0.026 J	25 U	12 U	10 U	10 U	10 U	0.11 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 UJ	12 U	10 U	10 U	10 U	0.01 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.026 J ^{eh}	0.037 J ^{eh}	0.025 J ^{eh}	0.067 U	260 ^{cdefhij}	4.9 J ^{dehj}	10 U	10 U	10 U	0.047 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.029 U	0.05 U	0.04 U	0.067 U	25 U	12 U	10 U	10 U	10 U	0.01 U
Vinyl chloride	mg/L	0.65 ^{deh}	1.2 ^{cdehi}	1.1 ^{cdeh}	1.4 ^{cdehi}	52 ^{bcd efhij}	50 ^{bcd efhij}	45 ^{bcd efhij}	42 ^{bcd efhij}	42 ^{bcd efhij}	0.13 ^{deh}
Xylenes (total)	mg/L	0.057 U	0.1 U	0.08 UJ	0.13 U	50 U	25 U	20 U	20 U	20 U	0.02 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

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UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07
		WG-17303-070606-EV-027	WG-17303-100306-NRS-046	WG-17303-120606-JJ-011	WG-17303-120606-JJ-012	WG-17303-030907-JJ-027	WG-17303-060507-EV-009	WG-17303-090507-DR-010	WG-17303-120507-DR-012	WG-17303-032608-CB-020	WG-17303-061908-CB-018
		07/06/2006	10/03/2006	12/06/2006	12/06/2006 Duplicate	03/09/2007	06/05/2007	09/05/2007	12/05/2007	03/26/2008	06/19/2008
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.008 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,1,2,2-Tetrachloroethane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 UJ	0.008 U	0.008 U	0.0067 U	0.008 U
1,1,2-Trichloroethane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,1-Dichloroethane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,1-Dichloroethene	mg/L	0.0012 J	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.025 U	0.04 U	0.033 U	0.033 U	0.042 U	0.04 U	0.04 U	0.04 U	0.033 U	0.04 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	0.008 U	0.008 U	0.008 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,2-Dichlorobenzene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,2-Dichloroethane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	0.008 U	0.008 U	0.008 U	-	-
1,3-Dichlorobenzene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.12 U	0.2 U	0.17 U	0.17 U	0.21 U	0.2 U	0.2 U	0.2 U	0.17 U	0.2 U
2-Hexanone	mg/L	0.25 U	0.4 U	0.33 U	0.33 U	0.42 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.25 U	0.4 UJ	0.33 U	0.33 U	0.42 U	0.4 U	0.4 U	0.4 U	0.33 U	0.4 U
Acetone	mg/L	0.12 U	0.2 U	0.17 U	0.17 U	0.21 U	0.2 U	0.2 U	0.2 U	0.17 U	0.2 U
Benzene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Bromodichloromethane	mg/L	0.005 U	0.008 UJ	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Bromoform	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Bromomethane (Methyl bromide)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Carbon disulfide	mg/L	0.025 U	0.04 U	0.033 U	0.033 U	0.042 U	0.04 U	0.04 U	0.04 U	0.033 U	0.04 U
Carbon tetrachloride	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Chlorobenzene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 UJ	0.008 U
Chloroform (Trichloromethane)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Chloromethane (Methyl chloride)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
cis-1,2-Dichloroethene	mg/L	0.15 ^{eh}	0.21 ^{eh}	0.19 ^{eh}	0.17 ^{eh}	0.19 ^{eh}	0.22 ^{eh}	0.23 ^{eh}	0.21 ^{eh}	0.21 ^{eh}	0.17 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.005 U	0.008 UJ	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Cyclohexane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Dibromochloromethane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 UJ	0.008 U	0.008 U	0.0067 U	0.008 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.005 U	0.008 UJ	0.0067 U	0.0067 UJ	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 UJ
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.025 U	0.04 U	0.033 U	0.033 U	0.042 U	0.04 U	0.04 U	0.04 U	0.033 U	0.04 U
Methyl acetate	mg/L	0.05 U	0.08 U	0.067 U	0.067 U	0.083 U	0.08 UJ	0.08 U	0.08 U	0.067 U	0.08 U
Methyl cyclohexane	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Methyl tert butyl ether (MTBE)	mg/L	0.025 U	0.04 U	0.033 U	0.033 U	0.042 U	0.04 U	0.04 U	0.04 U	0.033 U	0.04 U
Methylene chloride	mg/L	0.025 U	0.04 U	0.033 U	0.033 U	0.042 U	0.04 U	0.04 U	0.04 U	0.033 U	0.04 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07	MW18-07
Sample ID:	WG-17303-070606-EV-027	WG-17303-100306-NRS-046	WG-17303-120606-JJ-011	WG-17303-120606-JJ-012	WG-17303-030907-JJ-027	WG-17303-060507-EV-009	WG-17303-090507-DR-010	WG-17303-120507-DR-012	WG-17303-032608-CB-020	WG-17303-061908-CB-018	
Sample Date:	07/06/2006	10/03/2006	12/06/2006	12/06/2006	03/09/2007	06/05/2007	09/05/2007	12/05/2007	03/26/2008	06/19/2008	
Sample Type:											
Parameter:	Units			Duplicate							
Tetrachloroethene	mg/L	0.005 U	0.008 UJ	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Toluene	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
trans-1,2-Dichloroethene	mg/L	0.076	0.077	0.063	0.053 J	0.09	0.12 ^{eh}	0.11 ^{eh}	0.085	0.09	0.075
trans-1,3-Dichloropropene	mg/L	0.005 U	0.008 UJ	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.022 ^{eh}	0.023 ^{eh}	0.023 ^{eh}	0.024 ^{eh}	0.024 ^{eh}	0.023 ^{eh}	0.024 ^{eh}	0.017 ^{eh}	0.022 ^{eh}	0.012 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.005 U	0.008 U	0.0067 U	0.0067 U	0.0083 U	0.008 U	0.008 U	0.008 U	0.0067 U	0.008 U
Vinyl chloride	mg/L	0.12 ^{deh}	0.1 ^{deh}	0.11 ^{deh}	0.083 ^{deh}	0.095 ^{deh}	0.075 ^{deh}	0.086 ^{deh}	0.11 ^{deh}	0.09 ^{deh}	0.087 ^{deh}
Xylenes (total)	mg/L	0.01 U	0.016 U	0.013 U	0.013 U	0.017 U	0.016 U	0.016 U	0.016 U	0.013 U	0.016 UJ

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW18-07 WG-17303-092408-CB-047 09/24/2008	PAOC 18 MW18-07 WG-17303-120908-CB-060 12/09/2008	PAOC 18 MW18-07 WG-17303-032409-LS-079 03/24/2009	PAOC 18 MW18-45 WG-17303-081105-DR-0867 08/11/2005	PAOC 18 MW18-45 WG-17303-081105-DR-0868 08/11/2005	PAOC 18 MW18-45 WG-17303-081105-DR-0869 08/11/2005	PAOC 18 MW18-45 WG-17303-081105-DR-0870 08/11/2005	PAOC 18 MW18-45 WG-17303-100605-AB-0894 10/06/2005	PAOC 18 MW18-45 WG-17303-121405-NR-0914 12/14/2005	PAOC 18 MW18-45 WG-17303-030806-NR-0959 03/08/2006
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,1,2,2-Tetrachloroethane	mg/L	0.0057 UJ	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,1,2-Trichloroethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,1-Dichloroethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,1-Dichloroethene	mg/L	0.0012 J	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	0.34 ^J dehi
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.029 U	0.033 U	0.05 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.3 U	8.3 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,2-Dichlorobenzene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,2-Dichloroethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.14 U	0.17 U	0.25 U	8.3 U	8.3 U	8.3 U	8.3 U	8.9 U	6.3 U	42 U
2-Hexanone	mg/L	0.29 U	0.33 U	0.5 U	17 U	17 U	17 U	17 U	18 U	13 U	83 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.29 U	0.33 U	0.5 U	17 U	17 U	17 U	17 U	18 U	13 U	83 U
Acetone	mg/L	0.14 U	0.17 U	0.25 U	8.3 U	8.3 U	8.3 U	8.3 U	1.8 ^J th	6.3 U	42 U
Benzene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Bromodichloromethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Bromoform	mg/L	0.0057 UJ	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Bromomethane (Methyl bromide)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Carbon disulfide	mg/L	0.029 U	0.033 U	0.05 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.3 U	8.3 U
Carbon tetrachloride	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Chlorobenzene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Chloroform (Trichloromethane)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Chloromethane (Methyl chloride)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
cis-1,2-Dichloroethene	mg/L	0.22 th	0.21 th	0.26 th	7.4 ^{deh}	7.5 ^{deh}	6.5 ^{deh}	7.8 ^{deh}	6.8 ^{deh}	4 ^{deh}	48 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.0057 UJ	0.0067 UJ	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 UJ	0.25 U	1.7 U
Cyclohexane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Dibromochloromethane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.0057 U	0.0067 UJ	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.029 U	0.033 U	0.05 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.3 U	8.3 U
Methyl acetate	mg/L	0.057 U	0.067 U	0.1 U	3.3 U	3.3 U	3.3 U	3.3 U	3.6 UJ	2.5 U	17 U
Methyl cyclohexane	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Methyl tert butyl ether (MTBE)	mg/L	0.029 U	0.033 U	0.05 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.3 U	8.3 U
Methylene chloride	mg/L	0.029 U	0.033 U	0.05 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.3 U	8.3 U
m-Xylene	mg/L	-	-	-	-	-	-	-	0.71 U	0.5 U	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	0.36 U	0.25 U	-
Styrene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW18-07 WG-17303-092408-CB-047 09/24/2008	PAOC 18 MW18-07 WG-17303-120908-CB-060 12/09/2008	PAOC 18 MW18-07 WG-17303-032409-LS-079 03/24/2009	PAOC 18 MW-18-45 WG-17303-081105-DR-0867 08/11/2005	PAOC 18 MW-18-45 WG-17303-081105-DR-0868 08/11/2005	PAOC 18 MW-18-45 WG-17303-081105-DR-0869 08/11/2005	PAOC 18 MW-18-45 WG-17303-081105-DR-0870 08/11/2005	PAOC 18 MW-18-45 WG-17303-100605-AB-0894 10/06/2005	PAOC 18 MW-18-45 WG-17303-121405-NR-0914 12/14/2005	PAOC 18 MW-18-45 WG-17303-030806-NR-0959 03/08/2006
Units											
Tetrachloroethene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Toluene	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
trans-1,2-Dichloroethene	mg/L	0.085	0.068	0.12 ^{eh}	0.17 ^j eh	0.17 ^j eh	0.12 ^j eh	0.17 ^j eh	0.085 J	0.031 J	0.43 ^j eh
trans-1,3-Dichloropropene	mg/L	0.0057 UJ	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 UJ	0.25 U	1.7 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.014 ^{eh}	0.0089 ^{eh}	0.031 ^{eh}	3.4 ^{deh}	3.5 ^{deh}	3.1 ^{deh}	3.7 ^{dehj}	2.9 ^{deh}	0.53 ^{deh}	4.7 ^{dehj}
Trichlorofluoromethane (CFC-11)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.0057 U	0.0067 U	0.01 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.25 U	1.7 U
Vinyl chloride	mg/L	0.093 ^{deh}	0.11 ^{deh}	0.064 ^{deh}	1.5 ^{cdehi}	1.5 ^{cdehi}	1.4 ^{cdehi}	1.6 ^{cdehi}	1.6 ^{cdehi}	2.3 ^{cdehi}	6.5 ^{cdehi}
Xylenes (total)	mg/L	0.011 U	0.013 U	0.02 U	0.67 U	0.67 U	0.67 U	0.67 U	1.1 U	0.75 U	3.3 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45
		WG-17303-070606-EV-029	WG-17303-100306-NRS-039	WG-17303-120506-DK-004	WG-17303-030807-DR-013	WG-17303-060707-DR-027	WG-17303-060707-DR-028	WG-17303-090507-NRS-004	WG-17303-090507-NRS-006	WG-17303-120507-DR-009	WG-17303-120507-DR-010
		07/06/2006	10/03/2006	12/03/2006	03/08/2007	06/07/2007	06/07/2007 Duplicate	09/05/2007	09/05/2007 Duplicate	12/05/2007	12/05/2007 Duplicate
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,1,2,2-Tetrachloroethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 UJ	3.3 U	3.3 U	3.3 U	5 U	5 U
1,1,2-Trichloroethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,1-Dichloroethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,1-Dichloroethene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	17 U	10 U	12 U	12 U	17 U	17 U	17 U	17 U	25 U	25 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,2-Dichlorobenzene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,2-Dichloroethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,3-Dichlorobenzene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	83 U	50 U	62 U	62 U	83 U	83 U	83 U	83 U	120 U	120 U
2-Hexanone	mg/L	170 U	100 U	120 U	120 U	170 U	170 U	170 U	170 U	250 U	250 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	170 UJ	100 U	120 U	120 U	170 UJ	170 UJ	170 U	170 U	250 U	250 U
Acetone	mg/L	83 U	50 U	62 U	62 U	83 U	83 U	83 U	83 U	120 U	120 U
Benzene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Bromodichloromethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Bromoform	mg/L	3.3 U	2 UJ	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Bromomethane (Methyl bromide)	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Carbon disulfide	mg/L	17 UJ	10 U	12 U	12 U	17 U	17 U	17 U	17 U	25 U	25 U
Carbon tetrachloride	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Chlorobenzene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Chloroform (Trichloromethane)	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Chloromethane (Methyl chloride)	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
cis-1,2-Dichloroethene	mg/L	76 ^{dehj}	73 ^{dehj}	88 ^{dehj}	84 ^{dehj}	110 ^{dehij}	110 ^{dehij}	110 ^{dehij}	110 ^{dehij}	110 ^{dehij}	110 ^{dehij}
cis-1,3-Dichloropropene	mg/L	3.3 UJ	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Cyclohexane	mg/L	3.3 UJ	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Dibromochloromethane	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	3.3 UJ	2 UJ	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	17 U	10 U	12 U	12 U	17 U	17 U	17 U	17 U	25 U	25 U
Methyl acetate	mg/L	33 U	20 U	25 U	25 U	33 UJ	33 UJ	33 U	33 U	50 U	50 U
Methyl cyclohexane	mg/L	3.3 UJ	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Methyl tert butyl ether (MTBE)	mg/L	17 UJ	10 U	12 U	12 U	17 U	17 U	17 U	17 U	25 U	25 U
Methylene chloride	mg/L	17 U	10 U	12 U	12 U	17 U	17 U	17 U	17 U	25 U	25 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 UJ	3.3 U	3.3 U	5 U	5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45
Sample ID:	WG-17303-070606-EV-029	WG-17303-100306-NRS-039	WG-17303-120506-DK-004	WG-17303-030807-DR-013	WG-17303-060707-DR-027	WG-17303-060707-DR-028	WG-17303-090507-NRS-004	WG-17303-090507-NRS-006	WG-17303-120507-DR-009	WG-17303-120507-DR-010
Sample Date:	07/06/2006	10/03/2006	12/03/2006	03/08/2007	06/07/2007	06/07/2007	09/05/2007	09/05/2007	12/05/2007	12/05/2007
Sample Type:										
Parameter:						Duplicate		Duplicate		Duplicate
Units										
Tetrachloroethene	mg/L 3.3 U	2 UJ	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Toluene	mg/L 3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
trans-1,2-Dichloroethene	mg/L 0.64 J ^{eh}	0.51 J ^{eh}	0.61 J ^{eh}	0.69 J ^{eh}	0.85 J ^{eh}	0.65 J ^{eh}	0.94 J ^{eh}	1 J ^{eh}	5 U	1.1 J ^{eh}
trans-1,3-Dichloropropene	mg/L 3.3 UJ	2 UJ	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
trans-1,4-Dichloro-2-butene	mg/L -	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L 8.7 ^{dehj}	4.3 ^{dehj}	4.8 ^{dehj}	5.4 ^{dehj}	4.9 ^{dehj}	4.8 ^{dehj}	5.3 ^{dehj}	5.5 ^{dehj}	3.9 J ^{dehj}	2.9 J ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L 3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Trifluorotrichloroethane (Freon 113)	mg/L 3.3 U	2 U	2.5 U	2.5 U	3.3 U	3.3 U	3.3 U	3.3 U	5 U	5 U
Vinyl chloride	mg/L 9.8 ^{cdehi}	8.1 ^{cdehi}	10 ^{cdehi}	12 ^{cdehi}	16 ^{cdefhi}	15 ^{cdefhi}	15 ^{cdefhi}	15 ^{cdefhi}	14 ^{cdefhi}	17 ^{cdefhi}
Xylenes (total)	mg/L 6.7 U	4 U	5 U	5 U	6.7 U	6.7 U	6.7 U	6.7 U	10 U	10 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-18-45 WG-17303-032508-DR-007 03/25/2008	PAOC 18 MW-18-45 WG-17303-032508-DR-008 03/25/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-061808-DR-003 06/18/2008	PAOC 18 MW-18-45 WG-17303-061808-DR-004 06/18/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-092508-CB-055 09/25/2008	PAOC 18 MW-18-45 WG-17303-092508-CB-056 09/25/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-032609-CB-090 03/26/2009	PAOC 18 MW-18-45 WG-17303-032609-CB-091 03/26/2009 Duplicate	PAOC 18 MW-18-45 WG-17303-041310-CB-006 04/13/2010	PAOC 18 MW-18-45 WG-17303-041310-CB-007 04/13/2010 Duplicate
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,1,2,2-Tetrachloroethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 UJ	3.3 UJ	1.7 U	1.7 U	3.3 U	3.3 U
1,1,2-Trichloroethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,1-Dichloroethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,1-Dichloroethene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	12 U	12 U	25 U	25 U	17 U	17 U	8.3 U	8.3 U	17 U	17 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,2-Dichlorobenzene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,2-Dichloroethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	62 U	62 U	120 U	120 U	83 U	83 U	42 U	42 U	83 U	83 U
2-Hexanone	mg/L	120 U	120 U	250 U	250 U	170 U	170 U	83 U	83 U	170 U	170 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	120 U	120 U	250 U	250 U	170 U	170 U	83 U	83 U	170 U	170 U
Acetone	mg/L	62 U	62 U	120 U	120 U	83 U	83 U	42 U	42 U	83 U	83 U
Benzene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Bromodichloromethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Bromoform	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Bromomethane (Methyl bromide)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Carbon disulfide	mg/L	12 U	12 U	25 U	25 U	17 U	17 U	8.3 U	8.3 U	17 U	17 U
Carbon tetrachloride	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Chlorobenzene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	2.5 UJ	2.5 UJ	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Chloroform (Trichloromethane)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Chloromethane (Methyl chloride)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
cis-1,2-Dichloroethene	mg/L	89 ^{dehj}	98 ^{dehj}	140 ^{dehj}	140 ^{dehj}	82 ^{dehj}	80 ^{dehj}	54 ^{dehj}	53 ^{dehj}	90 ^{dehj}	88 ^{dehj}
cis-1,3-Dichloropropene	mg/L	2.5 U	2.5 U	5 UJ	5 UJ	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Cyclohexane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Dibromochloromethane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	2.5 U	2.5 U	5 UJ	5 UJ	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	12 U	12 U	25 U	25 U	17 U	17 U	8.3 U	8.3 U	17 U	17 U
Methyl acetate	mg/L	25 U	25 U	50 U	50 U	33 U	33 U	17 U	17 U	33 U	33 U
Methyl cyclohexane	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Methyl tert butyl ether (MTBE)	mg/L	12 U	12 U	25 U	25 U	17 U	17 U	8.3 U	8.3 U	17 U	17 U
Methylene chloride	mg/L	12 U	12 U	25 U	25 U	17 U	17 U	8.3 U	8.3 U	17 U	17 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	2.5 U	2.5 U	5 UJ	5 UJ	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

		PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45	PAOC 18 MW-18-45
Sample Location:		WG-17303-032508-DR-007	WG-17303-032508-DR-008	WG-17303-061808-DR-003	WG-17303-061808-DR-004	WG-17303-092508-CB-055	WG-17303-092508-CB-056	WG-17303-032609-CB-090	WG-17303-032609-CB-091	WG-17303-041310-CB-006	WG-17303-041310-CB-007
Sample ID:		03/25/2008	03/25/2008	06/18/2008	06/18/2008	09/25/2008	09/25/2008	03/26/2009	03/26/2009	04/13/2010	04/13/2010
Sample Date:											
Sample Type:											
Parameter:	Units		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate
Tetrachloroethene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Toluene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
trans-1,2-Dichloroethene	mg/L	0.67 J ^{eh}	0.81 J ^{eh}	5 U	0.95 J ^{eh}	0.82 J ^{eh}	3.3 U	0.47 J ^{eh}	0.52 J ^{eh}	3.3 U	0.68 J ^{eh}
trans-1,3-Dichloropropene	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 UJ	3.3 UJ	1.7 U	1.7 U	3.3 U	3.3 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	3.6 ^{dehj}	3.8 ^{dehj}	5.5 ^{dehj}	5.2 ^{dehj}	3.2 J ^{deh}	3.2 J ^{deh}	6.4 ^{dehj}	5.8 ^{dehj}	3 J ^{deh}	2.8 J ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Trifluorotrichloroethane (Freon 113)	mg/L	2.5 U	2.5 U	5 U	5 U	3.3 U	3.3 U	1.7 U	1.7 U	3.3 U	3.3 U
Vinyl chloride	mg/L	24 ^{cdefhij}	28 ^{cdefhij}	20 ^{cdefhij}	20 ^{cdefhij}	14 ^{cdefhi}	14 ^{cdefhi}	16 ^{cdefhi}	15 ^{cdefhi}	42 ^{bcddefhij}	43 ^{bcddefhij}
Xylenes (total)	mg/L	5 U	5 U	10 UJ	10 UJ	6.7 U	6.7 U	3.3 U	3.3 U	6.7 U	6.7 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
		MW-18-45	MW19-17	MW19-18	MW19-19	PW3-99	PZ18-131	PZ18-133	PZ18-133	PZ18-195	PZ18-195
		WG-17303-102510-DR-016	GW-17303-120303-DCR-270	GW-17303-120303-DCR-271	GW-17303-120303-DCR-272	W-1190511-120699-SN-028	WG-17303-062205-DR-0808	WG-17303-100605-AB-0901	WG-17303-121405-AB-0920	WG-17303-062205-DR-0810	WG-17303-100605-AB-0897
		10/25/2010	12/03/2003	12/03/2003	12/03/2003	12/06/1999	06/22/2005	10/06/2005	12/14/2005	06/22/2005	10/06/2005
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,1,2,2-Tetrachloroethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,1,2-Trichloroethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,1-Dichloroethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,1-Dichloroethene	mg/L	5 U	0.61 J ^{dehi}	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	25 U	8.3 U	1 U	0.62 U	-	0.025 U	0.005 U	0.005 U	0.56 U	0.25 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	0.001 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,2-Dichlorobenzene	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,2-Dichloroethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.00035 J	0.001 U	0.11 U	0.05 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	0.001 U	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	120 U	42 U	5 U	3.1 U	0.05 U	0.12 U	0.025 U	0.025 U	2.8 U	1.3 U
2-Hexanone	mg/L	250 U	83 U	10 U	6.2 U	-	0.25 U	0.05 U	0.05 U	5.6 U	2.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	250 U	83 U	10 U	6.2 U	-	0.25 UJ	0.05 U	0.05 U	5.6 UJ	2.5 U
Acetone	mg/L	120 U	42 U	5 U	3.1 U	-	R	0.001 J	0.025 U	R	0.23 J
Benzene	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Bromodichloromethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Bromoform	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Bromomethane (Methyl bromide)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Carbon disulfide	mg/L	25 U	8.3 U	1 U	0.62 U	-	0.025 U	0.005 U	0.005 U	0.56 U	0.25 U
Carbon tetrachloride	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Chlorobenzene	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Chloroform (Trichloromethane)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Chloromethane (Methyl chloride)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
cis-1,2-Dichloroethene	mg/L	100 ^{dehij}	53 ^{dehj}	6.2 ^{deh}	2.8 ^{deh}	0.437 ^{eh}	0.13 ^{eh}	0.015	0.0046	2.8 ^{deh}	1.2 ^{deh}
cis-1,3-Dichloropropene	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 UJ
Cyclohexane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Dibromochloromethane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 UJ	0.001 U	0.001 U	0.11 UJ	0.05 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	5 U	1.7 U	0.2 U	0.12 U	0.001 U	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	25 U	8.3 U	0.14 J ^d	0.62 U	-	0.025 U	0.005 U	0.005 U	0.56 U	0.25 U
Methyl acetate	mg/L	50 U	17 U	2 U	1.2 U	-	0.05 U	0.01 U	0.01 U	1.1 U	0.5 UJ
Methyl cyclohexane	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Methyl tert butyl ether (MTBE)	mg/L	25 U	8.3 U	1 U	0.62 U	-	0.025 U	0.005 U	0.005 U	0.56 U	0.25 U
Methylene chloride	mg/L	2.2 J ^{deh}	8.3 U	1 U	0.62 U	-	0.025 U	0.005 U	0.005 U	0.56 U	0.011 J ^{eh}
m-Xylene	mg/L	-	-	-	-	-	-	0.002 U	0.002 U	-	0.1 U
Naphthalene	mg/L	-	-	-	-	0.005 U	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	0.001 U	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	-	0.05 U
Styrene	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		MW-18-45	MW19-17	MW19-18	MW19-19	PW3-99	PZ18-131	PZ18-133	PZ18-133	PZ18-195	PZ18-195
Sample ID:		WG-17303-102510-DR-016	GW-17303-120303-DCR-270	GW-17303-120303-DCR-271	GW-17303-120303-DCR-272	W-1190511-120699-SN-028	WG-17303-062205-DR-0808	WG-17303-100605-AB-0901	WG-17303-121405-AB-0920	WG-17303-062205-DR-0810	WG-17303-100605-AB-0897
Sample Date:		10/25/2010	12/03/2003	12/03/2003	12/03/2003	12/06/1999	06/22/2005	10/06/2005	12/14/2005	06/22/2005	10/06/2005
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Toluene	mg/L	5 U	1.7 U	0.051 J	0.12 U	0.001 U	0.005 U	0.0001 J	0.001 U	0.11 U	0.05 U
trans-1,2-Dichloroethene	mg/L	5 U	2.2 ^{deh}	0.2 U	0.079 J	0.0126	0.087	0.00089 J	0.0003 J	0.036 J	0.0096 J
trans-1,3-Dichloropropene	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	4.8 J ^{dehj}	12 ^{dehj}	0.55 ^{deh}	0.62 ^{deh}	0.001 U	0.0075 U	0.022 ^{eh}	0.0095 ^{eh}	0.11 U	0.05 U
Trichlorofluoromethane (CFC-11)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Trifluorotrichloroethane (Freon 113)	mg/L	5 U	1.7 U	0.2 U	0.12 U	-	0.005 U	0.001 U	0.001 U	0.11 U	0.05 U
Vinyl chloride	mg/L	25 ^{cdefhij}	4.7 ^{cdehi}	5.7 ^{cdehi}	3.8 ^{cdehi}	0.0695 ^{deh}	0.14 ^{deh}	0.00097 J	0.001 U	0.11 ^{deh}	0.099 ^{deh}
Xylenes (total)	mg/L	10 U	3.3 U	0.4 U	0.25 U	0.003 U	0.01 U	0.003 U	0.003 U	0.22 U	0.15 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 PZ18-195 WG-17303-121405-NR-0917 12/14/2005	PAOC 18 SB18-204 WG-17303-060605-DR-0742 06/06/2005	PAOC 18 TW-9 TW-9 09/12/1996	PAOC 19 BH3-99 W-1190511-111999-SN-021 11/19/1999	PAOC 19 BH3-99 W-1190511-111999-SN-021 11/19/1999	PAOC 19 BH4-99 W-1190511-111999-SN-022 11/19/1999	PAOC 19 BH4-99 W-1190511-111999-SN-022 11/19/1999	PAOC 19 BH4-99 W-1190511-111999-SN-023 11/19/1999 Duplicate	PAOC 19 BH4-99 W-1190511-111999-SN-023 11/19/1999 Duplicate	PAOC 19 BH5-99 W-1190511-111999-SN-024 11/19/1999
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/L	0.13 U	0.2 U	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.63 U	1 U	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	3.1 U	5 U	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Hexanone	mg/L	6.3 U	10 U	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	6.3 U	10 U	-	-	-	-	-	-	-	-
Acetone	mg/L	3.1 U	5 U	-	-	-	-	-	-	-	-
Benzene	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Bromoform	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Carbon disulfide	mg/L	0.63 U	1 U	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	1.6 ^{deh}	2.9 ^{deh}	2.88 ^{deh}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Cyclohexane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.63 U	1 U	-	-	-	-	-	-	-	-
Methyl acetate	mg/L	1.3 U	2 U	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	0.63 U	1 U	-	-	-	-	-	-	-	-
Methylene chloride	mg/L	0.63 U	1 U	-	-	-	-	-	-	-	-
m-Xylene	mg/L	0.25 U	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Propylbenzene	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
o-Xylene	mg/L	0.13 U	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		PZ18-195	SB18-204	TW-9	BH3-99	BH3-99	BH4-99	BH4-99	BH4-99	BH4-99	BH5-99
Sample ID:		WG-17303-121405-NR-0917	WG-17303-060605-DR-0742	TW-9	W-1190511-111999-SN-021	W-1190511-111999-SN-021	W-1190511-111999-SN-022	W-1190511-111999-SN-022	W-1190511-111999-SN-023	W-1190511-111999-SN-023	W-1190511-111999-SN-024
Sample Date:		12/14/2005	06/06/2005	09/12/1996	11/19/1999	11/19/1999	11/19/1999	11/19/1999	11/19/1999	11/19/1999	11/19/1999
Sample Type:											
Parameter:	Units								Duplicate	Duplicate	
Tetrachloroethene	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Toluene	mg/L	0.13 U	0.2 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.019 J	0.039 J	0.035	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.13 U	4.3 ^{dehj}	0.221 ^{deh}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.13 U	0.2 U	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	0.13 U	0.2 U	9.64 ^{cdehi}	1.14 ^{cdehi}	1.14 ^{cdehi}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.38 U	0.4 U	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U

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The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 BH7-99 W-1190511-111899-SN-019 11/18/1999	PAOC 19 BH8-99 W-1190511-111899-SN-018 11/18/1999	PAOC 19 GS-7 WG-17303-062205-DR-0811 06/22/2005	PAOC 19 GS-7 WG-17303-062205-DR-0812 06/22/2005 Duplicate	PAOC 19 GS-7 WG-17303-100605-AB-0900 10/06/2005	PAOC 19 GS-7 WG-17303-121405-NR-0921 12/14/2005	PAOC 19 GS-7 WG-17303-062806-NR-0954 03/10/2006	PAOC 19 GS-7 GW-17303-062806-EV-005 06/28/2006	PAOC 19 GS-7 WG-17303-100306-LA-042 10/03/2006	PAOC 19 GS-7 WG-17303-120706-EV-028 12/07/2006
	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 UJ	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.05 U	0.025 U	0.025 U	0.025 U	0.025 U	0.00069 J	0.1 U	0.025 U	0.025 U
2-Hexanone	mg/L	-	-	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.2 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.2 U	0.05 U	0.05 U
Acetone	mg/L	-	-	R	R	0.025 U	0.025 U	0.025 U	0.1 U	0.0048 J	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.004 U	0.001 U	0.001 U
Bromoform	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Carbon disulfide	mg/L	-	-	0.005 U	0.005 U	0.00025 J	0.005 U	0.005 U	0.02 UJ	0.005 U	0.005 U
Carbon tetrachloride	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.0016	0.001 U	0.001 U	0.001 U	0.001 U	0.00058 J	0.0011 J	0.0011	0.001 U
cis-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.004 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.005 U	0.005 U
Methyl acetate	mg/L	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.04 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.02 UJ	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	0.002 U	0.002 U	-	-	-	-
Naphthalene	mg/L	0.005 U	0.005 U	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	0.001 U	0.001 U	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-
Styrene	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.004 UJ	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		BH7-99	BH8-99	GS-7	GS-7	GS-7	GS-7	GS-7	GS-7	GS-7
Sample ID:		W-1190511-111899-SN-019	W-1190511-111899-SN-018	WG-17303-062205-DR-0811	WG-17303-062205-DR-0812	WG-17303-100605-AB-0900	WG-17303-121405-NR-0921	WG-17303-031006-NR-0954	GW-17303-062806-EV-005	WG-17303-100306-LA-042
Sample Date:		11/18/1999	11/18/1999	06/22/2005	06/22/2005	10/06/2005	12/14/2005	03/10/2006	06/28/2006	10/03/2006
Sample Type:					Duplicate					
Parameter:	Units									
Tetrachloroethene	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.00069 J	0.001 U	0.001 U	0.004 U	0.0007 J
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.0108 ^{eh}	0.0012 U	0.0013 U	0.001 U	0.001 U	0.00076 J	0.004 U	0.015 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.004 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.12 J ^{deh}	0.001 U
Xylenes (total)	mg/L	0.003 U	0.003 U	0.002 U	0.002 U	0.003 U	0.003 U	0.002 UJ	0.008 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 GS-7 WG-17303-031207-EV-030 03/12/2007	PAOC 19 GS-7 WG-17303-060607-EV-017 06/06/2007	PAOC 19 GS-7 WG-17303-090707-EV-029 09/07/2007	PAOC 19 GS-7 GW-17303-120607-DR-028 12/06/2007	PAOC 19 GS-7 7303-032708-M7303-061908-D 03/27/2008	PAOC 19 GS-7 06/19/2008	PAOC 19 GS-7 WG-17303-092408-DR-046 09/24/2008	PAOC 19 GS-7 GW-17303-092811-CB-016 09/28/2011	PAOC 19 MW-4 MW-4 04/24/1996	PAOC 19 MW-4 BBLMW-4 02/01/1997	PAOC 19 MW-4 GW-17303-112602-MM-155 11/26/2002
VOCs												
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	--	-	-	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	--	-	-	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	0.001 U	-	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	--	-	-	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	-	-	0.001 U
1,2,4-Trimethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	-	-	-	--	-	-	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	--	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	-	-	-	--	-	-	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	--	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	--	-	-	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	--	-	-	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	--	-	-	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	--	-	-	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	-	-	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	--	-	-	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.014	0.0085	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	--	-	-	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	--	-	-	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	--	-	-	0.02 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	--	-	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	--	-	-	0.01 U
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	-	-	0.005 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	-	-	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	-	-	-
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	--	-	-	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	--	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	--	-	-	0.005 U
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	--	-	-	0.005 U
o-Xylene	mg/L	-	-	-	-	-	-	-	--	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 GS-7 WG-17303-031207-EV-030 03/12/2007	PAOC 19 GS-7 WG-17303-060607-EV-017 06/06/2007	PAOC 19 GS-7 WG-17303-090707-EV-029 09/07/2007	PAOC 19 GS-7 GW-17303-120607-DR-028 12/06/2007	PAOC 19 GS-7 7303-032708-M7303-061908-D 03/27/2008	PAOC 19 GS-7 06/19/2008	PAOC 19 GS-7 WG-17303-092408-DR-046 09/24/2008	PAOC 19 GS-7 GW-17303-092811-CB-016 09/28/2011	PAOC 19 MW-4 MW-4 04/24/1996	PAOC 19 MW-4 BBLMW-4 02/01/1997	PAOC 19 MW-4 GW-17303-112602-MM-155 11/26/2002
	Units											
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	0.0014	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	--	-	-	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	--	-	-	0.05 U
Trichloroethene	mg/L	0.001 U	0.0015	0.00075 J	0.00036 J	0.0019	0.00051 J	0.00058 J	0.00038 J	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	-	-	-
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.007 ^{eh}	0.0081 ^{eh}	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--	-	0.0017	0.003 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 MW-4 GW-17303-052804-DR-353 05/28/2004	PAOC 19 MW-4 WG-17303-030906-NR-0973 03/09/2006	PAOC 19 MW-4 WG-17303-062906-NRS-007 06/29/2006	PAOC 19 MW-4 WG-17303-100306-LA-043 10/03/2006	PAOC 19 MW-4 WG-17303-100306-LA-044 10/03/2006 Duplicate	PAOC 19 MW-4 WG-17303-120606-JJ-025 12/06/2006	PAOC 19 MW-4 WG-17303-030807-JJ-009 03/08/2007	PAOC 19 MW-4 WG-17303-060607-EV-020 06/06/2007	PAOC 19 MW-4 WG-17303-090607-EV-019 09/06/2007	PAOC 19 MW-4 7303-120607-D 12/06/2007	PAOC 19 MW-4 WG-17303-032708-MC-027 03/27/2008
VOCs												
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 UJ	0.05 U	0.05 UJ	0.05 UJ	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00018 J	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.00028 J	0.00026 J	0.00031 J	0.00033 J	0.00038 J	0.00025 J	0.00028 J	0.00037 J	0.00038 J	0.00025 J
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-4 GW-17303-052804-DR-353 05/28/2004	PAOC 19 MW-4 WG-17303-030906-NR-0973 03/09/2006	PAOC 19 MW-4 WG-17303-062906-NRS-007 06/29/2006	PAOC 19 MW-4 WG-17303-100306-LA-043 10/03/2006	PAOC 19 MW-4 WG-17303-100306-LA-044 10/03/2006 Duplicate	PAOC 19 MW-4 WG-17303-120606-JJ-025 12/06/2006	PAOC 19 MW-4 WG-17303-030807-JJ-009 03/08/2007	PAOC 19 MW-4 WG-17303-060607-EV-020 06/06/2007	PAOC 19 MW-4 WG-17303-090607-EV-019 09/06/2007	PAOC 19 MW-4 7303-120607-D 12/06/2007	PAOC 19 MW-4 WG-17303-032708-MC-027 03/27/2008
	Units											
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00078 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.00029 J	0.00031 J	0.001 U	0.00031 J	0.00026 J	0.001 U	0.0003 J	0.00038 J	0.0003 J	0.00028 J	0.00022 J
Xylenes (total)	mg/L	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
		MW-4	MW-4	MW-4	MW-5	MW-5	MW-5	MW-5	MW-5	MW-12	MW-12
		WG-17303-061908-CB-024	WG-17303-092308-DR-036	7303-092711-C	MW-5	17303-062603-HH-MW5-205	GW-17303-120303-DCR-277	GW-17303-030106-NR-0935	GW-17303-092811-CB-025	MW-12	MW-12
		06/19/2008	09/23/2008	09/27/2011	MW-5	06/26/2003	12/03/2003	03/01/2006	09/28/2011	09/17/1996	11/25/2002
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	--	-	0.001 U	-	-	--	-	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 UJ	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 UJ	0.067 U	-	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.013 ^{eh}	0.2 U	0.12 U	0.067 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	--	-	0.001 U	-	-	--	-	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.001 U	-	0.001 U	1 U	0.62 U	0.067 U	-	0.001 U
1,2,4-Trimethylbenzene	mg/L	-	-	--	-	0.001 U	-	-	--	-	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	-	-	0.2 U	0.12 U	0.067 U	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	--	-	-	-	-	--	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	--	-	0.001 U	-	-	--	-	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
1,3-Dichloropropene	mg/L	-	-	0.001 U	-	-	-	-	0.067 U	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	--	-	0.001 U	0.2 U	0.12 U	--	-	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.01 U	-	0.025 U	5 U	3.1 U	0.67 U	-	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.01 U	-	0.05 U	10 U	6.2 U	0.67 U	-	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.01 U	-	0.05 U	10 U	6.2 U	0.67 U	-	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.01 U	-	0.025 U	5 U	3.1 U	0.67 U	-	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 UJ	0.067 U	-	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 UJ	0.067 U	-	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	-	0.005 U	1 U	0.62 U	0.33 U	-	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Chlorobromomethane	mg/L	-	-	--	-	0.001 U	-	-	--	-	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	R	0.067 U	-	0.001 U
cis-1,2-Dichloroethene	mg/L	0.00032 J	0.00033 J	0.00041 J		1.4 ^{deh}	3.4 ^{deh}	4 ^{deh}	3 J ^{deh}	2 ^{deh}	0.015
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 UJ	0.067 U	-	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-	-	0.2 U	0.12 UJ	0.067 U	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 UJ	0.067 U	-	0.001 U
Dibromomethane	mg/L	-	-	--	-	0.001 U	-	-	--	-	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Ethyl ether	mg/L	-	-	--	-	0.02 U	-	-	--	-	0.02 U
Ethylbenzene	mg/L	0.001 UJ	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Iodomethane	mg/L	-	-	--	-	0.01 U	-	-	--	-	0.01 U
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.001 U	-	0.005 U	1 U	0.62 U	0.067 U	-	0.005 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	-	-	2 U	1.2 U	0.67 U	-	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-	-	0.2 U	0.12 UJ	0.067 U	-	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	-	-	1 U	0.62 U	0.33 U	-	-
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	-	0.005 U	1 U	0.62 U	0.33 U	-	0.005 U
m-Xylene	mg/L	-	-	--	-	-	-	-	--	-	-
Naphthalene	mg/L	-	-	--	-	0.005 U	-	-	--	-	0.005 U
N-Propylbenzene	mg/L	-	-	--	-	0.005 U	-	-	--	-	0.005 U
o-Xylene	mg/L	-	-	--	-	-	-	-	--	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 UJ	0.067 U	-	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-4 WG-17303-061908-CB-024 06/19/2008	PAOC 19 MW-4 WG-17303-092308-DR-036 09/23/2008	PAOC 19 MW-4 7303-092711-C 09/27/2011	PAOC 19 MW-5 MW-5 04/24/1996	PAOC 19 MW-5 17303-062603-HH-MW5-205 06/26/2003	PAOC 19 MW-5 GW-17303-120303-DCR-277 12/03/2003	PAOC 19 MW-5 GW-17303-030106-NR-0935 03/01/2006	PAOC 19 MW-5 GW-17303-092811-CB-025 09/28/2011	PAOC 19 MW-12 MW-12 09/17/1996	PAOC 19 MW-12 MW-12 11/25/2002
Units											
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.1 U	0.2 U	0.12 J ^{eh}	0.096 J	0.068	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	-	0.001 U	0.2 U	0.12 U	0.067 U	-	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	--	-	0.05 U	-	-	--	-	0.05 U
Trichloroethene	mg/L	0.00055 J	0.00053 J	0.00024 J	0.1 U	0.001 U	0.2 U	0.12 U	0.067 U	0.088 ^{eh}	0.14 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	-	-	0.2 U	0.12 U	0.067 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	-	-	0.2 U	0.12 U	0.067 U	-	-
Vinyl chloride	mg/L	0.00037 J	0.00036 J	0.001 U	2.3 ^{cdehi}	7.2 ^{cdehi}	5.3 ^{cdehi}	3.2 J ^{cdehi}	2 ^{cdehi}	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 UJ	0.002 U	0.002 U	-	0.003 U	0.4 U	0.25 U	0.13 U	-	0.003 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-12 GW-17303-012804-MM-280 01/28/2004	PAOC 19 MW-12 GW-17303-012804-MM-281 01/28/2004 Duplicate	PAOC 19 MW-12 WG-17303-070706-EV-031 07/07/2006	PAOC 19 MW-12 WG-17303-100506-NRS-061 10/05/2006	PAOC 19 MW-12 WG-17303-120706-DK-029 12/07/2006	PAOC 19 MW-12 WG-17303-030807-NRS-012 03/08/2007	PAOC 19 MW-12 7303-060507-E 06/05/2007	PAOC 19 MW-12 WG-17303-090507-DR-005 09/05/2007	PAOC 19 MW-12 WG-17303-120407-DR-001 12/04/2007	PAOC 19 MW-12 WG-17303-032508-CB-014 03/25/2008	PAOC 19 MW-12 7303-061808-D 06/18/2008
VOCs	Units											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 UJ	0.0091 U	0.01 U	0.029 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,1-Dichloroethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,1-Dichloroethene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.042 U	0.042 U	0.083 U	0.12 U	0.083 U	0.11 U	0.045 U	0.045 U	0.05 U	0.14 U	0.025 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	0.0091 U	0.0091 U	0.01 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,2-Dichloroethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	0.0091 U	0.0091 U	0.01 U	-	-
1,3-Dichlorobenzene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.21 U	0.21 U	0.0067 J	0.62 U	0.42 U	0.56 U	0.23 U	0.23 U	0.25 U	0.71 U	0.12 U
2-Hexanone	mg/L	0.42 U	0.42 U	0.83 U	1.2 U	0.83 U	1.1 U	0.45 U	0.45 U	0.5 U	1.4 U	0.25 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.42 U	0.42 U	0.83 U	1.2 U	0.83 U	1.1 U	0.45 UJ	0.45 U	0.5 U	1.4 U	0.25 U
Acetone	mg/L	0.21 U	0.21 U	0.42 U	0.62 U	0.42 U	0.56 U	0.23 U	0.23 U	0.25 U	0.71 U	0.12 U
Benzene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Bromodichloromethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Bromoform	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Bromomethane (Methyl bromide)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Carbon disulfide	mg/L	0.042 U	0.042 U	0.083 UJ	0.12 U	0.083 U	0.11 U	0.045 U	0.045 U	0.05 U	0.14 U	0.025 U
Carbon tetrachloride	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Chlorobenzene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 UJ	0.005 U
Chloroform (Trichloromethane)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
cis-1,2-Dichloroethene	mg/L	0.0082 J	0.009	0.024 J	0.083 J ^{eh}	0.028	0.027	0.035	0.039	0.12 ^{eh}	0.2 ^{eh}	0.1 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 UJ	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 UJ
Cyclohexane	mg/L	0.0083 U	0.0083 U	0.017 UJ	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Dibromochloromethane	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.0083 U	0.0083 U	0.017 UJ	0.025 U	0.017 U	0.022 U	0.0091 UJ	0.0091 U	0.01 U	0.029 U	0.005 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 UJ
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.042 U	0.042 U	0.083 U	0.12 U	0.083 U	0.11 U	0.045 U	0.045 U	0.05 U	0.14 U	0.025 U
Methyl acetate	mg/L	0.083 U	0.083 U	0.17 U	0.25 U	0.17 U	0.22 U	0.091 UJ	0.091 U	0.1 U	0.29 U	0.05 U
Methyl cyclohexane	mg/L	0.0083 U	0.0083 U	0.017 UJ	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Methyl tert butyl ether (MTBE)	mg/L	0.042 U	0.042 U	0.083 U	0.12 U	0.083 U	0.11 U	0.045 U	0.045 U	0.05 U	0.14 U	0.025 U
Methylene chloride	mg/L	0.042 U	0.042 U	0.083 UJ	0.12 U	0.083 U	0.11 U	0.045 U	0.045 U	0.05 U	0.01 J ^{eh}	0.025 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.0083 U	0.0083 U	0.017 UJ	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 UJ

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-12 GW-17303-012804-MM-280 01/28/2004	PAOC 19 MW-12 GW-17303-012804-MM-281 01/28/2004 Duplicate	PAOC 19 MW-12 WG-17303-070706-EV-031 07/07/2006	PAOC 19 MW-12 WG-17303-100506-NRS-061 10/05/2006	PAOC 19 MW-12 WG-17303-120706-DK-029 12/07/2006	PAOC 19 MW-12 WG-17303-030807-NRS-012 03/08/2007	PAOC 19 MW-12 7303-060507-E 06/05/2007	PAOC 19 MW-12 WG-17303-090507-DR-005 09/05/2007	PAOC 19 MW-12 WG-17303-120407-DR-001 12/04/2007	PAOC 19 MW-12 WG-17303-032508-CB-014 03/25/2008	PAOC 19 MW-12 7303-061808-D 06/18/2008
Units												
Tetrachloroethene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 UJ	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Toluene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.0083 U	0.0083 U	0.017 UJ	0.0043 J	0.017 U	0.022 U	0.0091 U	0.0018 J	0.0033 J	0.029 U	0.0036 J
trans-1,3-Dichloropropene	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.22 ^{deh}	0.22 ^{deh}	0.35 ^{deh}	0.69 ^{deh}	0.62 ^{deh}	0.56 ^{deh}	0.36 ^{deh}	0.27 ^{deh}	0.36 ^{deh}	0.94 ^{deh}	0.2 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.0083 U	0.0083 U	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.005 U
Vinyl chloride	mg/L	0.012 ^{eh}	0.012 ^{eh}	0.017 U	0.025 U	0.017 U	0.022 U	0.0091 U	0.0091 U	0.01 U	0.029 U	0.011 ^{eh}
Xylenes (total)	mg/L	0.017 U	0.017 U	0.033 UJ	0.05 U	0.033 UJ	0.044 U	0.018 U	0.018 U	0.02 U	0.057 U	0.01 UJ

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-12 WG-17303-092308-CB-033 09/23/2008	PAOC 19 MW-12 GW-17303-092911-CB-038 09/29/2011	PAOC 19 MW-13 MW-13 09/17/1996	PAOC 19 MW-13 GW-17303-112502-MM-137 11/25/2002	PAOC 19 MW-13 GW-17303-112502-MM-139 11/25/2002 Duplicate	PAOC 19 MW-13 GW-17303-012904-MM-289 01/29/2004	PAOC 19 MW-13 GW-17303-092911-CB-036 09/29/2011	PAOC 19 MW-14 MW-14 09/17/1996	PAOC 19 MW-14 GW-17303-112502-MM-138 11/25/2002	PAOC 19 MW-14 GW-17303-012904-MM-292 01/29/2004
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	--	-	0.001 U	0.001 U	-	--	-	0.001 U	-
1,1,1-Trichloroethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.033 UJ	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.033 U	0.02 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	--	-	0.001 U	0.001 U	-	--	-	0.001 U	-
1,2,4-Trichlorobenzene	mg/L	0.17 U	0.02 U	-	0.001 U	0.001 U	0.005 U	0.001 U	-	0.001 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	--	-	0.001 U	0.001 U	-	--	-	0.001 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.033 U	0.02 U	-	-	-	0.001 U	0.001 U	-	-	0.001 U
1,2-Dichlorobenzene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	--	-	-	-	-	--	-	-	-
1,2-Dichloropropane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	--	-	0.001 U	0.001 U	-	--	-	0.001 U	-
1,3-Dichlorobenzene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	0.02 U	-	-	-	-	0.001 U	-	-	-
1,4-Dichlorobenzene	mg/L	0.033 U	--	-	0.001 U	0.001 U	0.001 U	--	-	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.83 U	0.2 U	-	0.025 U	0.025 U	0.025 U	0.01 U	-	0.025 U	0.025 U
2-Hexanone	mg/L	1.7 U	0.2 U	-	0.05 U	0.05 U	0.05 U	0.01 U	-	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1.7 U	0.2 U	-	0.05 U	0.05 U	0.05 U	0.01 U	-	0.05 U	0.05 U
Acetone	mg/L	0.83 U	0.2 U	-	0.025 U	0.025 U	0.025 U	0.01 U	-	0.025 U	0.025 U
Benzene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Bromoform	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Carbon disulfide	mg/L	0.17 U	0.1 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Chlorobenzene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	--	-	0.001 U	0.001 U	-	--	-	0.001 U	-
Chloroethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.84 ^{deh}	0.056	0.001 U	0.001 U	0.001 U	0.0029	0.001 U	0.001 U	0.001 U	0.00036 J
cis-1,3-Dichloropropene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Cyclohexane	mg/L	0.033 U	0.02 U	-	-	-	0.001 U	0.001 U	-	-	0.001 U
Dibromochloromethane	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Dibromomethane	mg/L	-	--	-	0.001 U	0.001 U	-	--	-	0.001 U	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Ethyl ether	mg/L	-	--	-	0.02 U	0.02 U	-	--	-	0.02 U	-
Ethylbenzene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Iodomethane	mg/L	-	--	-	0.01 U	0.01 U	-	--	-	0.01 U	-
Isopropyl benzene	mg/L	0.17 U	0.02 U	-	0.005 U	0.005 U	0.005 U	0.001 U	-	0.005 U	0.005 U
Methyl acetate	mg/L	0.33 U	0.2 U	-	-	-	0.01 U	0.01 U	-	-	0.01 U
Methyl cyclohexane	mg/L	0.033 U	0.02 U	-	-	-	0.001 U	0.001 U	-	-	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.17 U	0.1 U	-	-	-	0.005 U	0.005 U	-	-	0.005 U
Methylene chloride	mg/L	0.074 J ^{eh}	0.1 U	-	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U
m-Xylene	mg/L	-	--	-	-	-	-	--	-	-	-
Naphthalene	mg/L	-	--	-	0.005 U	0.005 U	-	--	-	0.005 U	-
N-Propylbenzene	mg/L	-	--	-	0.005 U	0.005 U	-	--	-	0.005 U	-
o-Xylene	mg/L	-	--	-	-	-	-	--	-	-	-
Styrene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW-12	MW-12	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-14	MW-14
Sample ID:	WG-17303-092308-CB-033	GW-17303-092911-CB-038	MW-13	GW-17303-112502-MM-137	GW-17303-112502-MM-139	GW-17303-012904-MM-289	GW-17303-092911-CB-036	MW-14	GW-17303-112502-MM-138	GW-17303-012904-MM-292
Sample Date:	09/23/2008	09/29/2011	09/17/1996	11/25/2002	11/25/2002	01/29/2004	09/29/2011	09/17/1996	11/25/2002	01/29/2004
Sample Type:										
Parameter:	Units				Duplicate					
Tetrachloroethene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U
Toluene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U
trans-1,2-Dichloroethene	mg/L	0.033 U	0.02 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.033 U	0.02 U	-	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	--	-	0.05 U	0.05 U	-	--	-	0.05 U
Trichloroethene	mg/L	8.7 ^{dehj}	0.61 ^{deh}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00026 J
Trichlorofluoromethane (CFC-11)	mg/L	0.033 U	0.02 U	-	-	-	0.001 U	0.001 U	-	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.033 U	0.02 U	-	-	-	0.001 U	0.001 U	-	0.001 U
Vinyl chloride	mg/L	0.033 U	0.02 U	0.001 U	0.001 U	0.001 U	0.0045 ^{eh}	0.001 U	0.001 U	0.0012
Xylenes (total)	mg/L	0.067 U	0.04 U	-	0.003 U	0.003 U	0.002 U	0.002 U	-	0.003 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 GW-17303-052804-DR-355 05/28/2004	PAOC 19 MW-14 WG-17303-062305-DR-0822 06/23/2005	PAOC 19 MW-14 WG-17303-062305-DR-0823 06/23/2005 Duplicate	PAOC 19 MW-14 WG-17303-100505-AB-0892 10/05/2005	PAOC 19 MW-14 WG-17303-121305-NR-0911 12/13/2005	PAOC 19 MW-14 WG-17303-030706-NR-0949 03/07/2006	PAOC 19 MW-14 WG-17303-070606-EV-026 07/06/2006	PAOC 19 MW-14 WG-17303-100406-NRS-058 10/04/2006	PAOC 19 MW-14 WG-17303-120606-DK-017 12/06/2006	PAOC 19 MW-14 WG-17303-030807-NRS-011 03/08/2007
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.00029 J	0.00021 J	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.0018 U	0.0019	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 GW-17303-052804-DR-355 05/28/2004	PAOC 19 MW-14 WG-17303-062305-DR-0822 06/23/2005	PAOC 19 MW-14 WG-17303-062305-DR-0823 06/23/2005 Duplicate	PAOC 19 MW-14 WG-17303-100505-AB-0892 10/05/2005	PAOC 19 MW-14 WG-17303-121305-NR-0911 12/13/2005	PAOC 19 MW-14 WG-17303-030706-NR-0949 03/07/2006	PAOC 19 MW-14 WG-17303-070606-EV-026 07/06/2006	PAOC 19 MW-14 WG-17303-100406-NRS-058 10/04/2006	PAOC 19 MW-14 WG-17303-120606-DK-017 12/06/2006	PAOC 19 MW-14 WG-17303-030807-NRS-011 03/08/2007
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.0001 J	0.001 U	0.001 U	0.00018 J	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.0018	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.003 U	0.003 U	0.003 U	0.003 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 WG-17303-060507-EV-012 06/05/2007	PAOC 19 MW-14 WG-17303-090607-NRS-017 09/06/2007	PAOC 19 MW-14 WG-17303-120507-DR-014 12/05/2007	PAOC 19 MW-14 WG-17303-032508-MC-009 03/25/2008	PAOC 19 MW-14 WG-17303-061808-DR-009 06/18/2008	PAOC 19 MW-14 WG-17303-092308-CB-035 09/23/2008	PAOC 19 MW-14 GW-17303-092811-CB-029 09/28/2011	PAOC 19 MW19-01 GW-17303-120103-DCR-243 12/01/2003	PAOC 19 MW19-01 GW-17303-040104-DCR-303 04/01/2004	PAOC 19 MW19-01 GW-17303-063004-DR-364 06/30/2004
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	--	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	--	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	--	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	--	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	--	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	0.001 U	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.01 U	0.025 U	0.025 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.01 U	0.025 U	0.025 U	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	--	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	--	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	--	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	--	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U
Methyl acetate	mg/L	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	--	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	--	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	--	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	--	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 WG-17303-060507-EV-012 06/05/2007	PAOC 19 MW-14 WG-17303-090607-NRS-017 09/06/2007	PAOC 19 MW-14 WG-17303-120507-DR-014 12/05/2007	PAOC 19 MW-14 WG-17303-032508-MC-009 03/25/2008	PAOC 19 MW-14 WG-17303-061808-DR-009 06/18/2008	PAOC 19 MW-14 WG-17303-092308-CB-035 09/23/2008	PAOC 19 MW-14 GW-17303-092811-CB-029 09/28/2011	PAOC 19 MW19-01 GW-17303-120103-DCR-243 12/01/2003	PAOC 19 MW19-01 GW-17303-040104-DCR-303 04/01/2004	PAOC 19 MW19-01 GW-17303-063004-DR-364 06/30/2004
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	--	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00076 J	0.0037 ^{ph}	0.0012	0.00088 J
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-01 GW-17303-092204-DCR-634 09/22/2004	PAOC 19 MW19-01 GW-17303-120804-DCR-652 12/08/2004	PAOC 19 MW19-01 GW-17303-031005-DR-683 03/10/2005	PAOC 19 MW19-01 WG-17303-062305-DR-0824 06/23/2005	PAOC 19 MW19-01 WG-17303-100505-AB-0882 10/05/2005	PAOC 19 MW19-01 WG-17303-121305-NR-0905 12/13/2005	PAOC 19 MW19-01 WG-17303-030706-LA-0945 03/07/2006	PAOC 19 MW19-01 WG-17303-062906-NRS-008 06/29/2006	PAOC 19 MW19-01 WG-17303-100406-LA-051 10/04/2006	PAOC 19 MW19-01 WG-17303-120606-LA-024 12/06/2006
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.0019 J	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.00022 J
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.00018 J	0.005 U	0.005 U	0.00022 J	0.00046 J	0.005 U	0.005 U	0.00022 J	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	0.002 U	0.002 U	0.002 U	0.002 U	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-01 GW-17303-092204-DCR-634 09/22/2004	PAOC 19 MW19-01 GW-17303-120804-DCR-652 12/08/2004	PAOC 19 MW19-01 GW-17303-031005-DR-683 03/10/2005	PAOC 19 MW19-01 WG-17303-062305-DR-0824 06/23/2005	PAOC 19 MW19-01 WG-17303-100505-AB-0882 10/05/2005	PAOC 19 MW19-01 WG-17303-121305-NR-0905 12/13/2005	PAOC 19 MW19-01 WG-17303-030706-LA-0945 03/07/2006	PAOC 19 MW19-01 WG-17303-062906-NRS-008 06/29/2006	PAOC 19 MW19-01 WG-17303-100406-LA-051 10/04/2006	PAOC 19 MW19-01 WG-17303-120606-LA-024 12/06/2006
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.0019	0.0039 ^{eh}	0.00066 J	0.001 U	0.0086 ^{eh}	0.019 ^{deh}	0.00065 J	0.00022 J	0.0066 ^{eh}	0.0062 ^{eh}
Xylenes (total)	mg/L	0.002 U	0.002 U	0.003 U	0.003 U	0.003 U	0.003 U	0.002 U	0.002 U	0.002 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-01 WG-17303-030807-JJ-008 03/08/2007	PAOC 19 MW19-01 WG-17303-060607-DR-019 06/06/2007	PAOC 19 MW19-01 WG-17303-090607-EV-021 09/06/2007	PAOC 19 MW19-01 WG-17303-120507-DR-017 12/05/2007	PAOC 19 MW19-01 WG-17303-120507-DR-018 12/05/2007 Duplicate	PAOC 19 MW19-01 WG-17303-032608-MC-022 03/26/2008	PAOC 19 MW19-01 WG-17303-061808-DR-012 06/18/2008	PAOC 19 MW19-01 WG-17303-092308-DR-038 09/23/2008	PAOC 19 MW19-01 GW-17303-092711-CB-013 09/27/2011	PAOC 19 MW19-02 GW-17303-120103-DCR-244 12/01/2003
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	--	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 UJ	0.001 U	0.71 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	--	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U	0.001 U	3.6 U
1,2,4-Trimethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	--	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	--	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	--	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	0.001 U	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	--	0.71 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.062 U	0.01 U	18 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.12 U	0.01 U	36 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 UJ	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.12 U	0.01 U	36 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.062 U	0.01 U	18 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U	0.005 U	3.6 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	--	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.0025 U	0.001 U	0.71 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.0002 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.01	15 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0025 U	0.001 U	0.71 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	--	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	--	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0025 U	0.001 U	0.71 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	--	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U	0.001 U	3.6 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U	0.01 U	7.1 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.00035 J	0.0006 J	0.00065 J	0.005 U	0.00023 J	0.012 U	0.00032 J	3.6 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U	0.005 U	3.6 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	--	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	--	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	--	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	--	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.0025 U	0.001 U	0.71 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-01 WG-17303-030807-JJ-008 03/08/2007	PAOC 19 MW19-01 WG-17303-060607-DR-019 06/06/2007	PAOC 19 MW19-01 WG-17303-090607-EV-021 09/06/2007	PAOC 19 MW19-01 WG-17303-120507-DR-017 12/05/2007	PAOC 19 MW19-01 WG-17303-120507-DR-018 12/05/2007 Duplicate	PAOC 19 MW19-01 WG-17303-032608-MC-022 03/26/2008	PAOC 19 MW19-01 WG-17303-061808-DR-012 06/18/2008	PAOC 19 MW19-01 WG-17303-092308-DR-038 09/23/2008	PAOC 19 MW19-01 GW-17303-092711-CB-013 09/27/2011	PAOC 19 MW19-02 GW-17303-120103-DCR-244 12/01/2003
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.0012	0.71 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	--	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.001 U	0.71 U
Vinyl chloride	mg/L	0.0018	0.00041 J	0.007 ^{ch}	0.024 ^{deh}	0.024 ^{deh}	0.0053 ^{ch}	0.021 ^{deh}	0.035 ^{deh}	0.0045 ^{ch}	19 ^{cdefhij}
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ	0.005 U	0.002 U	1.4 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 MW19-02 GW-17303-120103-DCR-245 12/01/2003 Duplicate	PAOC 19 MW19-02 GW-17303-040104-DCR-305 04/01/2004	PAOC 19 MW19-02 GW-17303-063004-DR-370 06/30/2004	PAOC 19 MW19-02 GW-17303-092204-MM-639 09/22/2004	PAOC 19 MW19-02 GW-17303-120804-DCR-659 12/08/2004	PAOC 19 MW19-02 GW-17303-031005-DR-691 03/10/2005	PAOC 19 MW19-02 GW-17303-031005-DR-692 03/10/2005 Duplicate	PAOC 19 MW19-02 WG-17303-062305-DR-0828 06/23/2005	PAOC 19 MW19-02 WG-17303-100505-AB-0888 10/05/2005	PAOC 19 MW19-02 WG-17303-121305-NR-0908 12/13/2005
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,1,2,2-Tetrachloroethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,1,2-Trichloroethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,1-Dichloroethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,1-Dichloroethene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.037 J ^{eh}	0.036 J ^{eh}	0.045 J ^{eh}	1.7 U	0.83 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	4.2 U	2.1 U	2.5 U	2.5 U	2.5 U	0.005 U	0.005 U	0.005 U	8.3 U	4.2 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,2-Dichlorobenzene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,2-Dichloroethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	21 U	10 U	12 U	12 U	12 U	0.025 U	0.025 U	0.025 U	42 U	21 U
2-Hexanone	mg/L	42 U	21 U	25 U	25 U	25 U	0.05 U	0.05 U	0.05 U	83 U	42 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	42 U	21 U	25 U	25 U	25 U	0.05 U	0.05 U	0.05 U	83 U	42 U
Acetone	mg/L	21 U	10 U	12 U	12 U	12 U	0.025 U	0.025 U	0.025 U	8.2 J ^{deh}	21 U
Benzene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.0043	0.0042	0.0057 J ^{eh}	1.7 U	0.83 U
Bromodichloromethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Bromoform	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Bromomethane (Methyl bromide)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Carbon disulfide	mg/L	4.2 U	2.1 U	2.5 U	2.5 U	2.5 U	0.005 U	0.005 U	0.0035 J	8.3 U	4.2 U
Carbon tetrachloride	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Chlorobenzene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.0034	0.0024	0.001 U	1.7 U	0.83 U
Chloroform (Trichloromethane)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Chloromethane (Methyl chloride)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
cis-1,2-Dichloroethene	mg/L	16 ^{dehj}	11 ^{deh}	9.7 ^{deh}	13 ^{dehj}	17 ^{dehj}	6.4 ^{deh}	6.5 ^{deh}	11 ^{deh}	17 ^{dehj}	15 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 UJ	0.83 U
Cyclohexane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Dibromochloromethane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	4.2 U	2.1 U	2.5 U	2.5 U	2.5 U	0.005 U	0.005 U	0.005 U	8.3 U	4.2 U
Methyl acetate	mg/L	8.3 U	4.2 U	5 U	5 U	5 U	0.01 U	0.01 U	0.01 U	17 UJ	8.3 U
Methyl cyclohexane	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Methyl tert butyl ether (MTBE)	mg/L	4.2 U	2.1 U	2.5 U	2.5 U	2.5 U	0.005 U	0.005 U	0.005 U	8.3 U	4.2 U
Methylene chloride	mg/L	4.2 U	2.1 U	2.5 U	2.5 U	2.5 U	0.005 U	0.005 U	0.005 U	8.3 U	4.2 U
m-Xylene	mg/L	-	-	-	-	-	0.002 U	0.002 U	0.002 U	3.3 U	1.7 U
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U
Styrene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U	0.83 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02
Sample ID:	GW-17303-120103-DCR-245	GW-17303-040104-DCR-305	GW-17303-063004-DR-370	GW-17303-092204-MM-639	GW-17303-120804-DCR-659	GW-17303-031005-DR-691	GW-17303-031005-DR-692	WG-17303-062305-DR-0828	WG-17303-100505-AB-0888	WG-17303-121305-NR-0908
Sample Date:	12/01/2003	04/01/2004	06/30/2004	09/22/2004	12/08/2004	03/10/2005	03/10/2005	06/23/2005	10/05/2005	12/13/2005
Sample Type:	Duplicate									
Parameter:	Units									
Tetrachloroethene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U
Toluene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.00072 J	0.001 U	0.001 U	1.7 U
trans-1,2-Dichloroethene	mg/L	0.39 J ^{eh}	0.29 J ^{eh}	0.27 J ^{eh}	0.33 J ^{eh}	0.44 J ^{eh}	0.26 J ^{eh}	0.24 J ^{eh}	0.43 J ^{eh}	0.48 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U
Trichlorofluoromethane (CFC-11)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.83 U	0.42 U	0.5 U	0.5 U	0.5 U	0.001 U	0.001 U	0.001 U	1.7 U
Vinyl chloride	mg/L	20 ^{cdefhij}	14 ^{cdefhi}	13 ^{cdehi}	15 ^{cdefhi}	16 ^{cdefhi}	13 ^{cdehi}	13 ^{cdehi}	14 J ^{cdefhi}	26 ^{cdefhij}
Xylenes (total)	mg/L	1.7 U	0.83 U	1 U	1 U	1 U	0.003 U	0.003 U	0.003 U	5 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-02 WG-17303-030706-AB-0947 03/07/2006	PAOC 19 MW19-02 WG-17303-063006-LA-014 06/30/2006	PAOC 19 MW19-02 WG-17303-063006-LA-015 06/30/2006 Duplicate	PAOC 19 MW19-02 WG-17303-100406-NRS-054 10/04/2006	PAOC 19 MW19-02 WG-17303-120606-LA-015 12/06/2006	PAOC 19 MW19-02 WG-17303-030907-NRS-021 03/09/2007	PAOC 19 MW19-02 WG-17303-030907-NRS-022 03/09/2007 Duplicate	PAOC 19 MW19-02 WG-17303-060607-DR-015 06/06/2007	PAOC 19 MW19-02 WG-17303-060607-DR-016 06/06/2007 Duplicate	PAOC 19 MW19-02 WG-17303-090707-DR-030 09/07/2007
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,1,2,2-Tetrachloroethane	mg/L	0.71 UJ	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 UJ	0.2 UJ	0.5 U
1,1,2-Trichloroethane	mg/L	0.71 UJ	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,1-Dichloroethane	mg/L	0.71 UJ	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,1-Dichloroethene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	3.6 U	0.21 U	0.2 U	1.7 U	1.7 U	2.5 U	2.5 U	1 U	1 U	2.5 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	0.2 U	0.2 U	0.5 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,2-Dichlorobenzene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,2-Dichloroethane	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	0.2 U	0.2 U	0.5 U
1,3-Dichlorobenzene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	18 U	0.031 J	0.025 J	8.3 U	8.3 U	12 U	12 U	5 U	5 U	12 U
2-Hexanone	mg/L	36 U	2.1 U	2 U	17 U	17 U	25 U	25 U	10 U	10 U	25 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	36 U	2.1 UJ	2 UJ	17 U	17 U	25 U	25 U	10 UJ	10 UJ	25 U
Acetone	mg/L	18 U	1 U	1 U	8.3 U	8.3 U	0.4 J	12 U	5 U	5 U	12 U
Benzene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Bromodichloromethane	mg/L	0.71 UJ	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Bromoform	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Bromomethane (Methyl bromide)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Carbon disulfide	mg/L	3.6 U	0.21 U	0.2 U	1.7 U	1.7 U	2.5 U	2.5 U	1 U	1 U	2.5 U
Carbon tetrachloride	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Chlorobenzene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Chloroform (Trichloromethane)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Chloromethane (Methyl chloride)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
cis-1,2-Dichloroethene	mg/L	9.3 ^{J deh}	0.66 ^{deh}	0.79 ^{deh}	13 ^{dehj}	8.4 ^{deh}	8.2 ^{deh}	8 ^{deh}	6.4 ^{deh}	6.5 ^{deh}	12 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.71 UJ	0.042 UJ	0.04 UJ	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Cyclohexane	mg/L	0.71 U	0.042 UJ	0.04 UJ	0.33 UJ	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Dibromochloromethane	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.71 U	0.042 UJ	0.04 UJ	0.33 UJ	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	3.6 U	0.21 U	0.2 U	1.7 U	1.7 U	2.5 U	2.5 U	1 U	1 U	2.5 U
Methyl acetate	mg/L	7.1 U	0.42 U	0.4 U	3.3 U	3.3 U	5 U	5 U	2 U	2 U	5 U
Methyl cyclohexane	mg/L	0.71 U	0.042 UJ	0.04 UJ	0.33 UJ	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U
Methyl tert butyl ether (MTBE)	mg/L	3.6 U	0.21 U	0.2 U	1.7 U	1.7 U	2.5 U	2.5 U	1 U	1 U	2.5 U
Methylene chloride	mg/L	3.6 U	0.21 U	0.2 U	1.7 U	1.7 U	2.5 U	2.5 U	1 U	1 U	2.5 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.71 UJ	0.042 UJ	0.04 UJ	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.2 U	0.5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02
Sample ID:	WG-17303-030706-AB-0947	WG-17303-063006-LA-014	WG-17303-063006-LA-015	WG-17303-100406-NRS-054	WG-17303-120606-LA-015	WG-17303-030907-NRS-021	WG-17303-030907-NRS-022	WG-17303-060607-DR-015	WG-17303-060607-DR-016	WG-17303-090707-DR-030
Sample Date:	03/07/2006	06/30/2006	06/30/2006	10/04/2006	12/06/2006	03/09/2007	03/09/2007	06/06/2007	06/06/2007	09/07/2007
Sample Type:										
Parameter:			Duplicate				Duplicate		Duplicate	
Units										
Tetrachloroethene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.5 U
Toluene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.5 U
trans-1,2-Dichloroethene	mg/L	0.25 J ^{eh}	0.022 J	0.027 J	0.39 ^{eh}	0.26 J ^{eh}	0.25 J ^{eh}	0.25 J ^{eh}	0.21 ^{eh}	0.37 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.71 UJ	0.042 UJ	0.04 UJ	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.5 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.5 U
Trichlorofluoromethane (CFC-11)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.5 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.71 U	0.042 U	0.04 U	0.33 U	0.33 U	0.5 U	0.5 U	0.2 U	0.5 U
Vinyl chloride	mg/L	19 ^{gdefhij}	1.1 ^{cdeh}	1.4 ^{cdehi}	15 ^{cdefhi}	9 ^{cdehi}	11 ^{cdehi}	11 ^{cdehi}	7.6 ^{cdehi}	7.7 ^{cdehi}
Xylenes (total)	mg/L	1.4 U	0.083 U	0.08 U	0.67 U	0.67 U	1 U	1 U	0.4 U	1 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-02 WG-17303-120507-DR-013 12/05/2007	PAOC 19 MW19-02 WG-17303-032608-CB-021 03/26/2008	PAOC 19 MW19-02 WG-17303-061808-DR-010 06/18/2008	PAOC 19 MW19-02 WG-17303-092308-CB-037 09/23/2008	PAOC 19 MW19-02 WG-17303-120908-CB-061 12/09/2008	PAOC 19 MW19-02 WG-17303-032409-LS-080 03/24/2009	PAOC 19 MW19-02 WG-17303-041310-CB-009 04/13/2010	PAOC 19 MW19-02 WG-17303-102510-DR-015 10/25/2010	PAOC 19 MW19-02 GW-17303-092811-CB-024 09/28/2011	PAOC 19 MW19-03 GW-17303-120103-DCR-246 12/01/2003
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	--	-
1,1,1-Trichloroethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,1,2,2-Tetrachloroethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 UJ	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
1,1,2-Trichloroethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,1-Dichloroethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
1,1-Dichloroethene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	--	-
1,2,4-Trichlorobenzene	mg/L	2.1 U	1.7 U	1.2 U	3.1 U	2.1 U	0.5 U	3.1 U	2.5 U	0.33 U	0.25 U
1,2,4-Trimethylbenzene	mg/L	0.42 U	-	-	-	-	-	-	-	--	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,2-Dichlorobenzene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,2-Dichloroethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	--	-
1,2-Dichloropropane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,3,5-Trimethylbenzene	mg/L	0.42 U	-	-	-	-	-	-	-	--	-
1,3-Dichlorobenzene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	0.33 U	-
1,4-Dichlorobenzene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	--	0.05 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	10 U	8.3 U	6.2 U	16 U	10 U	2.5 U	16 UJ	12 U	3.3 U	1.2 U
2-Hexanone	mg/L	21 U	17 U	12 U	31 U	21 U	5 U	31 UJ	25 U	3.3 U	2.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	21 U	17 U	12 U	31 U	21 U	5 U	31 UJ	25 U	3.3 U	2.5 U
Acetone	mg/L	10 U	8.3 U	6.2 U	16 U	10 U	2.5 U	16 U	12 U	3.3 U	1.2 U
Benzene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Bromodichloromethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Bromoform	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Bromomethane (Methyl bromide)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Carbon disulfide	mg/L	2.1 U	1.7 U	1.2 U	3.1 U	2.1 U	0.5 U	3.1 U	2.5 U	1.7 U	0.25 U
Carbon tetrachloride	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Chlorobenzene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	--	-
Chloroethane	mg/L	0.42 U	0.33 UJ	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Chloroform (Trichloromethane)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Chloromethane (Methyl chloride)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
cis-1,2-Dichloroethene	mg/L	11 ^{deh}	6.8 ^{deh}	4.9 ^{deh}	8.6 ^{deh}	7.5 ^{deh}	2.6 ^{deh}	8.4 ^{deh}	10 ^{deh}	4.7 ^{deh}	2 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.42 U	0.33 U	0.25 UJ	0.62 U	0.42 UJ	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Cyclohexane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Dibromochloromethane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	--	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 UJ	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	--	-
Ethylbenzene	mg/L	0.42 U	0.33 U	0.25 UJ	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	--	-
Isopropyl benzene	mg/L	2.1 U	1.7 U	1.2 U	3.1 U	2.1 U	0.5 U	3.1 U	2.5 U	0.33 U	0.25 U
Methyl acetate	mg/L	4.2 U	3.3 U	2.5 U	6.2 U	4.2 U	1 U	6.2 UJ	5 U	3.3 U	0.5 U
Methyl cyclohexane	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Methyl tert butyl ether (MTBE)	mg/L	2.1 U	1.7 U	1.2 U	3.1 U	2.1 U	0.5 U	3.1 U	2.5 U	1.7 U	0.25 U
Methylene chloride	mg/L	2.1 U	1.7 U	1.2 U	3.1 U	2.1 U	0.5 U	3.1 U	0.23 J ^{eh}	1.7 U	0.25 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	--	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	--	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	--	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	--	-
Styrene	mg/L	0.42 U	0.33 U	0.25 UJ	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-02	MW19-03
Sample ID:	WG-17303-120507-DR-013	WG-17303-032608-CB-021	WG-17303-061808-DR-010	WG-17303-092308-CB-037	WG-17303-120908-CB-061	WG-17303-032409-LS-080	WG-17303-041310-CB-009	WG-17303-102510-DR-015	GW-17303-092811-CB-024	GW-17303-120103-DCR-246	
Sample Date:	12/05/2007	03/26/2008	06/18/2008	09/23/2008	12/09/2008	03/24/2009	04/13/2010	10/25/2010	09/28/2011	12/01/2003	
Sample Type:											
Parameter:											
	Units										
Tetrachloroethene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Toluene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
trans-1,2-Dichloroethene	mg/L	0.37 J ^{eh}	0.22 J ^{eh}	0.17 J ^{eh}	0.27 J ^{eh}	0.25 J ^{eh}	0.1	0.31 J ^{eh}	0.3 J ^{eh}	0.14 J ^{eh}	0.03 J
trans-1,3-Dichloropropene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Trichlorofluoromethane (CFC-11)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 UJ	0.5 U	0.33 U	0.05 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.42 U	0.33 U	0.25 U	0.62 U	0.42 U	0.1 U	0.62 U	0.5 U	0.33 U	0.05 U
Vinyl chloride	mg/L	11 ^{cdehi}	13 ^{cdehi}	4.4 ^{cdehi}	15 ^{cdefhi}	14 ^{cdefhi}	3.5 ^{cdehi}	17 J ^{cdefhi}	11 ^{cdehi}	8.3 ^{cdehi}	1.6 ^{cdehi}
Xylenes (total)	mg/L	0.83 U	0.67 U	0.5 UJ	1.2 U	0.83 U	0.2 U	1.2 U	1 U	0.67 U	0.1 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample ID:	MW19-03	MW19-03	MW19-03	MW19-03	MW19-03	MW19-03	MW19-03	MW19-03	MW19-03	MW19-03
Sample Date:	GW-17303-040104-DCR-306	GW-17303-063004-DR-369	GW-17303-092204-MM-640	GW-17303-120804-DCR-660	GW-17303-031005-DR-690	WG-17303-062305-DR-0827	WG-17303-100505-AB-0891	WG-17303-121305-AB-0909	WG-17303-121305-AB-0910	WG-17303-030706-NR-0946
Sample Type:	04/01/2004	06/30/2004	09/22/2004	12/08/2004	03/10/2005	06/23/2005	10/05/2005	12/13/2005	12/13/2005	03/07/2006
Parameter:	Duplicate									
Units										
VOCs										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,1,2,2-Tetrachloroethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 UJ
1,1,2-Trichloroethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 UJ
1,1-Dichloroethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 UJ
1,1-Dichloroethene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.17 U	0.17 U	0.38 U	0.33 U	0.005 U	0.31 U	0.83 U	0.63 U	0.25 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,2-Dichlorobenzene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,2-Dichloroethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.83 U	0.83 U	1.9 U	1.7 U	0.025 U	1.6 U	4.2 U	3.1 U	1.2 U
2-Hexanone	mg/L	1.7 U	1.7 U	3.8 U	3.3 U	0.05 U	3.1 U	8.3 U	6.3 U	2.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1.7 U	1.7 U	3.8 U	3.3 U	0.05 U	3.1 U	8.3 U	6.3 U	2.5 U
Acetone	mg/L	0.83 U	0.83 U	1.9 U	1.7 U	0.025 U	1.6 U	0.85 J ^b	3.1 U	1.2 U
Benzene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Bromodichloromethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 UJ
Bromoform	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Bromomethane (Methyl bromide)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Carbon disulfide	mg/L	0.17 U	0.17 U	0.38 U	0.33 U	0.005 U	0.31 U	0.83 U	0.63 U	0.25 U
Carbon tetrachloride	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Chlorobenzene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Chloroform (Trichloromethane)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Chloromethane (Methyl chloride)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
cis-1,2-Dichloroethene	mg/L	1 ^{deh}	0.84 ^{deh}	1.5 ^{deh}	1.3 ^{deh}	0.66 ^{deh}	0.87 ^{deh}	1.4 ^{deh}	1.4 ^{deh}	0.63 J ^{deh}
cis-1,3-Dichloropropene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 UJ	0.13 U	0.05 UJ
Cyclohexane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Dibromochloromethane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.17 U	0.17 U	0.38 U	0.33 U	0.005 U	0.31 U	0.83 U	0.63 U	0.25 U
Methyl acetate	mg/L	0.33 U	0.33 U	0.77 U	0.67 U	0.01 U	0.63 U	1.7 UJ	1.3 U	0.5 U
Methyl cyclohexane	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Methyl tert butyl ether (MTBE)	mg/L	0.17 U	0.17 U	0.38 U	0.33 U	0.005 U	0.31 U	0.83 U	0.63 U	0.25 U
Methylene chloride	mg/L	0.17 U	0.17 U	0.38 U	0.33 U	0.005 U	0.31 U	0.83 U	0.63 U	0.25 U
m-Xylene	mg/L	-	-	-	-	0.002 U	0.13 U	0.33 U	0.25 U	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	0.001 U	0.063 U	0.17 U	0.13 U	-
Styrene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 UJ

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	PAOC 19 MW19-03 GW-17303-040104-DCR-306 04/01/2004	PAOC 19 MW19-03 GW-17303-063004-DR-369 06/30/2004	PAOC 19 MW19-03 GW-17303-092204-MM-640 09/22/2004	PAOC 19 MW19-03 GW-17303-120804-DCR-660 12/08/2004	PAOC 19 MW19-03 GW-17303-031005-DR-690 03/10/2005	PAOC 19 MW19-03 WG-17303-062305-DR-0827 06/23/2005	PAOC 19 MW19-03 WG-17303-100505-AB-0891 10/05/2005	PAOC 19 MW19-03 WG-17303-121305-AB-0909 12/13/2005	PAOC 19 MW19-03 WG-17303-121305-AB-0910 12/13/2005 Duplicate	PAOC 19 MW19-03 WG-17303-030706-NR-0946 03/07/2006
	Units									
Tetrachloroethene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Toluene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.007 J	0.17 U	0.13 U	0.05 U
trans-1,2-Dichloroethene	mg/L	0.016 J	0.014 J	0.03 J	0.024 J	0.0008 J	0.025 J	0.04 J	0.038 J	0.019 J
trans-1,3-Dichloropropene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 UJ	0.13 U	0.05 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Trichlorofluoromethane (CFC-11)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.033 U	0.033 U	0.077 U	0.067 U	0.001 U	0.063 U	0.17 U	0.13 U	0.05 U
Vinyl chloride	mg/L	0.89 ^{deh}	0.82 ^{deh}	2 ^{cdehi}	1.8 ^{cdehi}	1.2 ^{cdehi}	0.74 ^{deh}	2.5 ^{cdehi}	1.5 ^{cdehi}	1.6 ^{cdehi}
Xylenes (total)	mg/L	0.067 U	0.067 U	0.15 U	0.13 U	0.003 U	0.19 U	0.5 U	0.38 U	0.1 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03	PAOC 19 MW19-03
Sample ID:	WG-17303-070706-EV-033	WG-17303-100406-NRS-057	WG-17303-120606-LA-016	WG-17303-030907-NRS-026	WG-17303-060507-DR-011	WG-17303-090607-NRS-020	WG-17303-120507-DR-015	WG-17303-032508-MC-010	GW-17303-092811-CB-026	GW-17303-092811-CB-027
Sample Date:	07/07/2006	10/04/2006	12/06/2006	03/09/2007	06/05/2007	09/06/2007	12/05/2007	03/25/2008	09/28/2011	09/28/2011
Sample Type:										
Parameter:	Units									Duplicate
VOCs										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	--	--
1,1,1-Trichloroethane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,1,2,2-Tetrachloroethane	mg/L	0.067 UJ	0.033 U	0.05 U	0.062 U	0.04 UJ	0.056 U	0.083 U	0.05 U	0.05 U
1,1,2-Trichloroethane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,1-Dichloroethane	mg/L	0.067 UJ	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,1-Dichloroethene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	--	--
1,2,4-Trichlorobenzene	mg/L	0.33 U	0.17 U	0.25 U	0.31 U	0.2 U	0.28 U	0.42 U	0.25 U	0.05 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	0.04 U	0.056 U	0.083 U	-	--
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,2-Dichlorobenzene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,2-Dichloroethane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	--	--
1,2-Dichloropropane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	0.04 U	0.056 U	0.083 U	-	--
1,3-Dichlorobenzene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	0.05 U
1,4-Dichlorobenzene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	--
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1.7 U	0.83 U	1.2 U	1.6 U	1 U	1.4 U	2.1 U	1.2 U	0.5 U
2-Hexanone	mg/L	3.3 U	1.7 U	2.5 U	3.1 U	2 U	2.8 U	4.2 U	2.5 U	0.5 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	3.3 U	1.7 U	2.5 U	3.1 U	2 U	2.8 U	4.2 U	2.5 U	0.5 U
Acetone	mg/L	1.7 U	0.83 U	1.2 U	1.6 U	1 U	1.4 U	2.1 U	1.2 U	0.5 U
Benzene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Bromodichloromethane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Bromoform	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Bromomethane (Methyl bromide)	mg/L	0.067 UJ	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Carbon disulfide	mg/L	0.33 UJ	0.17 U	0.25 U	0.31 U	0.2 U	0.28 U	0.42 U	0.25 U	0.25 U
Carbon tetrachloride	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Chlorobenzene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	--
Chloroethane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 UJ	0.05 U
Chloroform (Trichloromethane)	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Chloromethane (Methyl chloride)	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
cis-1,2-Dichloroethene	mg/L	0.94 ^{deh}	1.5 ^{deh}	1.1 ^{deh}	0.83 ^{deh}	0.67 ^{deh}	0.84 ^{deh}	1.3 ^{deh}	0.81 ^{deh}	0.93 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Cyclohexane	mg/L	0.067 UJ	0.033 UJ	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Dibromochloromethane	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	--
Dichlorodifluoromethane (CFC-12)	mg/L	0.067 UJ	0.033 UJ	0.05 U	0.062 U	0.04 UJ	0.056 U	0.083 U	0.05 U	0.05 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	--
Ethylbenzene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	--
Isopropyl benzene	mg/L	0.33 U	0.17 U	0.25 U	0.31 U	0.2 U	0.28 U	0.42 U	0.25 U	0.05 U
Methyl acetate	mg/L	0.67 U	0.33 U	0.5 U	0.62 U	0.4 UJ	0.56 U	0.83 U	0.5 U	0.5 U
Methyl cyclohexane	mg/L	0.067 UJ	0.033 UJ	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Methyl tert butyl ether (MTBE)	mg/L	0.33 U	0.17 U	0.25 U	0.31 U	0.2 U	0.28 U	0.42 U	0.25 U	0.25 U
Methylene chloride	mg/L	0.33 U	0.17 U	0.25 U	0.31 U	0.2 U	0.28 U	0.42 U	0.25 U	0.25 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	--
Naphthalene	mg/L	-	-	-	-	-	-	-	-	--
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	--
o-Xylene	mg/L	-	-	-	-	-	-	-	-	--
Styrene	mg/L	0.067 UJ	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	PAOC 19 MW19-03 WG-17303-070706-EV-033 07/07/2006	PAOC 19 MW19-03 WG-17303-100406-NRS-057 10/04/2006	PAOC 19 MW19-03 WG-17303-120606-LA-016 12/06/2006	PAOC 19 MW19-03 WG-17303-030907-NRS-026 03/09/2007	PAOC 19 MW19-03 WG-17303-060507-DR-011 06/05/2007	PAOC 19 MW19-03 WG-17303-090607-NRS-020 09/06/2007	PAOC 19 MW19-03 WG-17303-120507-DR-015 12/05/2007	PAOC 19 MW19-03 WG-17303-032508-MC-010 03/25/2008	PAOC 19 MW19-03 GW-17303-092811-CB-026 09/28/2011	PAOC 19 MW19-03 GW-17303-092811-CB-027 09/28/2011 Duplicate
Units										
Tetrachloroethene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Toluene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
trans-1,2-Dichloroethene	mg/L	0.027 J	0.055	0.04 J	0.034 J	0.029 J	0.036 J	0.051 J	0.037 J	0.045 J
trans-1,3-Dichloropropene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	--	--
Trichloroethene	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Trichlorofluoromethane (CFC-11)	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.067 U	0.033 U	0.05 U	0.062 U	0.04 U	0.056 U	0.083 U	0.05 U	0.05 U
Vinyl chloride	mg/L	1.7 ^{cdehi}	2.6 ^{cdehi}	1.5 ^{cdehi}	1.4 ^{cdehi}	1.3 ^{cdehi}	1.4 ^{cdehi}	2.4 ^{cdehi}	1.3 ^{cdehi}	0.96 ^{deh}
Xylenes (total)	mg/L	0.13 UJ	0.067 U	0.1 U	0.12 U	0.08 U	0.11 U	0.17 U	0.1 U	0.1 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
		MW19-04	MW19-04	MW19-06	MW19-06	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07
		GW-17303-120103-DCR-247	GW-17303-092911-CB-035	GW-17303-120103-DCR-248	GW-17303-092811-CB-028	GW-17303-120103-DCR-249	GW-17303-040104-DCR-304	GW-17303-063004-DR-367	GW-17303-092204-DCR-636	GW-17303-120804-DCR-655	GW-17303-031005-DR-682
		12/01/2003	09/29/2011	12/01/2003	09/28/2011	12/01/2003	04/01/2004	06/30/2004	09/22/2004	12/08/2004	03/10/2005
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	--	-	--	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.019 ^{eh}
1,2,3-Trichloropropane	mg/L	-	--	-	--	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.001 U	0.14 U	0.001 U	2.5 U	1.7 U	2.5 U	2.5 U	2.5 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	--	-	--	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.00012 J
1,2-Dichloroethene (total)	mg/L	-	--	-	--	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	--	-	--	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
1,3-Dichloropropene	mg/L	-	0.001 U	-	0.001 U	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	--	0.029 U	--	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.01 U	0.71 U	0.01 U	12 U	8.3 U	12 U	12 U	12 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.01 U	1.4 U	0.01 U	25 U	17 U	25 U	25 U	25 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.01 U	0.05 U	0.01 U	25 U	17 U	25 U	25 U	25 U	0.05 U
Acetone	mg/L	0.025 U	0.01 U	0.71 U	0.01 U	12 U	8.3 U	12 U	12 U	12 U	0.025 U
Benzene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.011 ^{eh}
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.14 U	0.005 U	2.5 U	1.7 U	2.5 U	2.5 U	2.5 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Chlorobromomethane	mg/L	-	--	-	--	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.00015 J
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.16 ^{eh}	0.0076	12 ^{dehj}	9.1 ^{deh}	5.4 ^{deh}	7.1 ^{deh}	11 ^{deh}	7.6 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Dibromomethane	mg/L	-	--	-	--	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Ethyl ether	mg/L	-	--	-	--	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Iodomethane	mg/L	-	--	-	--	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.001 U	0.14 U	0.001 U	2.5 U	1.7 U	2.5 U	2.5 U	2.5 U	0.005 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.29 U	0.01 U	5 U	3.3 U	5 U	5 U	5 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.14 U	0.005 U	2.5 U	1.7 U	2.5 U	2.5 U	2.5 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.14 U	0.005 U	2.5 U	1.7 U	2.5 U	2.5 U	2.5 U	0.005 U
m-Xylene	mg/L	-	--	-	--	-	-	-	-	-	0.002 U
Naphthalene	mg/L	-	--	-	--	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	--	-	--	-	-	-	-	-	-
o-Xylene	mg/L	-	--	-	--	-	-	-	-	-	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-04 GW-17303-120103-DCR-247 12/01/2003	PAOC 19 MW19-04 GW-17303-092911-CB-035 09/29/2011	PAOC 19 MW19-06 GW-17303-120103-DCR-248 12/01/2003	PAOC 19 MW19-06 GW-17303-092811-CB-028 09/29/2011	PAOC 19 MW19-07 GW-17303-120103-DCR-249 12/01/2003	PAOC 19 MW19-07 GW-17303-040104-DCR-304 04/01/2004	PAOC 19 MW19-07 GW-17303-063004-DR-367 06/30/2004	PAOC 19 MW19-07 GW-17303-092204-DCR-636 09/22/2004	PAOC 19 MW19-07 GW-17303-120804-DCR-655 12/08/2004	PAOC 19 MW19-07 GW-17303-031005-DR-682 03/10/2005
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.009 J	0.00067 J	0.36 ^J ^{eh}	0.26 ^J ^{eh}	0.15 ^J ^{eh}	0.23 ^J ^{eh}	0.36 ^J ^{eh}	0.3 ^J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	--	-	--	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.011 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.029 U	0.001 U	0.5 U	0.33 U	0.5 U	0.5 U	0.5 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.78 ^{deh}	0.0061 ^{eh}	15 ^{cdefhi}	11 ^{cdehi}	11 ^{cdehi}	12 ^{cdehi}	17 ^{cdefhi}	18 ^{cdefhij}
Xylenes (total)	mg/L	0.002 U	0.002 U	0.057 U	0.002 U	1 U	0.67 U	1 U	1 U	1 U	0.003 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-07 WG-17303-062305-DR-0825 06/23/2005	PAOC 19 MW19-07 WG-17303-100505-AB-0883 10/05/2005	PAOC 19 MW19-07 WG-17303-121305-NR-0904 12/13/2005	PAOC 19 MW19-07 WG-17303-030706-LA-0944 03/07/2006	PAOC 19 MW19-07 WG-17303-070506-EV-024 07/05/2006	PAOC 19 MW19-07 WG-17303-100406-NRS-053 10/04/2006	PAOC 19 MW19-07 WG-17303-120606-LA-023 12/06/2006	PAOC 19 MW19-07 WG-17303-030807-JJ-015 03/08/2007	PAOC 19 MW19-07 WG-17303-030807-JJ-016 03/08/2007 Duplicate	PAOC 19 MW19-07 WG-17303-060507-DR-007 06/05/2007
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,1,2,2-Tetrachloroethane	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 UJ
1,1,2-Trichloroethane	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,1-Dichloroethane	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,1-Dichloroethene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	1.6 U	0.5 U	5 U	2.5 U	3.6 U	1.7 U	1.7 U	3.1 U	2.5 U	1.7 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	0.33 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,2-Dichlorobenzene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,2-Dichloroethane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	0.33 U
1,3-Dichlorobenzene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	7.8 U	2.5 U	25 U	12 U	18 U	8.3 U	8.3 U	16 U	12 U	8.3 U
2-Hexanone	mg/L	16 U	5 U	50 U	25 U	36 U	17 U	17 U	31 U	25 U	17 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	16 U	5 U	50 U	25 U	36 U	17 U	17 U	31 U	25 U	17 U
Acetone	mg/L	7.8 U	2.5 U	25 U	12 U	18 U	8.3 U	8.3 U	16 U	12 U	8.3 U
Benzene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Bromodichloromethane	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Bromoform	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Bromomethane (Methyl bromide)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 UJ	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Carbon disulfide	mg/L	1.6 U	0.5 U	5 U	2.5 U	3.6 UJ	1.7 U	1.7 U	3.1 U	2.5 U	1.7 U
Carbon tetrachloride	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Chlorobenzene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 UJ	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Chloroform (Trichloromethane)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Chloromethane (Methyl chloride)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
cis-1,2-Dichloroethene	mg/L	4 ^{deh}	8.2 ^{deh}	12 ^{dehj}	6 ^j ^{deh}	9.3 ^{deh}	9.2 ^{deh}	5.6 ^{deh}	8 ^{deh}	9.2 ^{deh}	5.5 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Cyclohexane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 UJ	0.33 U	0.62 U	0.5 U	0.33 U
Dibromochloromethane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 UJ	0.33 UJ	0.33 U	0.62 U	0.5 U	0.33 UJ
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.13 ^j ^{deh}	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	1.6 U	0.5 U	5 U	2.5 U	3.6 U	1.7 U	1.7 U	3.1 U	2.5 U	1.7 U
Methyl acetate	mg/L	3.1 U	1 U	10 U	5 U	7.1 U	3.3 U	3.3 U	6.2 U	5 U	3.3 UJ
Methyl cyclohexane	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 UJ	0.33 U	0.62 U	0.5 U	0.33 U
Methyl tert butyl ether (MTBE)	mg/L	1.6 U	0.5 U	5 U	2.5 U	3.6 U	1.7 U	1.7 U	3.1 U	2.5 U	1.7 U
Methylene chloride	mg/L	1.6 U	0.5 U	5 U	2.5 U	3.6 U	1.7 U	1.7 U	3.1 U	2.5 U	1.7 U
m-Xylene	mg/L	0.19 J	0.2 U	2 U	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	0.073 J	0.1 U	1 U	-	-	-	-	-	-	-
Styrene	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	
Sample Location:	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	
Sample ID:	WG-17303-062305-DR-0825	WG-17303-100505-AB-0883	WG-17303-121305-NR-0904	WG-17303-030706-LA-0944	WG-17303-070506-EV-024	WG-17303-100406-NRS-053	WG-17303-120606-LA-023	WG-17303-030807-JJ-015	WG-17303-030807-JJ-016	WG-17303-060507-DR-007	
Sample Date:	06/23/2005	10/05/2005	12/13/2005	03/07/2006	07/05/2006	10/04/2006	12/06/2006	03/08/2007	03/08/2007	06/05/2007	
Sample Type:											
Parameter:									Duplicate		
Units											
Tetrachloroethene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Toluene	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
trans-1,2-Dichloroethene	mg/L	0.15 J ^{eh}	0.13 ^{eh}	0.36 J ^{eh}	0.16 J ^{eh}	0.21 J ^{eh}	0.23 J ^{eh}	0.15 J ^{eh}	0.21 J ^{eh}	0.22 J ^{eh}	0.14 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.31 U	0.1 U	1 U	0.5 UJ	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.31 U	0.012 J ^{eh}	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Trichlorofluoromethane (CFC-11)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.31 U	0.1 U	1 U	0.5 U	0.71 U	0.33 U	0.33 U	0.62 U	0.5 U	0.33 U
Vinyl chloride	mg/L	5.2 ^{cdehi}	13 ^{cdehi}	18 ^{cdefhij}	12 ^{cdehi}	19 ^{cdefhij}	18 ^{cdefhij}	10 ^{cdehi}	18 ^{cdefhij}	19 ^{cdefhij}	11 ^{cdehi}
Xylenes (total)	mg/L	0.29 J ^{deh}	0.3 U	3 U	1 U	1.4 U	0.67 U	0.67 U	1.2 U	1 U	0.67 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-07 WG-17303-090607-EV-023 09/06/2007	PAOC 19 MW19-07 WG-17303-090607-EV-024 09/06/2007 Duplicate	PAOC 19 MW19-07 WG-17303-120507-DR-019 12/05/2007	PAOC 19 MW19-07 WG-17303-032608-MC-017 03/26/2008	PAOC 19 MW19-07 WG-17303-032608-MC-018 03/26/2008 Duplicate	PAOC 19 MW19-07 WG-17303-061808-DR-013 06/18/2008	PAOC 19 MW19-07 WG-17303-061808-DR-014 06/18/2008 Duplicate	PAOC 19 MW19-07 WG-17303-092308-CB-039 09/23/2008	PAOC 19 MW19-07 WG-17303-092308-CB-040 09/23/2008 Duplicate	PAOC 19 MW19-07 GW-17303-092811-CB-023 09/28/2011
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	--
1,1,1-Trichloroethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,1,2,2-Tetrachloroethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 UJ	1 UJ	0.42 U
1,1,2-Trichloroethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,1-Dichloroethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,1-Dichloroethene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	--
1,2,4-Trichlorobenzene	mg/L	3.1 U	3.1 U	3.1 U	3.6 U	3.1 U	2.5 U	3.6 U	5 U	5 U	0.42 U
1,2,4-Trimethylbenzene	mg/L	0.62 U	0.62 U	0.62 U	-	-	-	-	-	-	--
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,2-Dichlorobenzene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,2-Dichloroethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	--
1,2-Dichloropropane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,3,5-Trimethylbenzene	mg/L	0.62 U	0.62 U	0.62 U	-	-	-	-	-	-	--
1,3-Dichlorobenzene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	0.42 U
1,4-Dichlorobenzene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	--
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	16 U	16 U	16 U	18 U	16 U	12 U	18 U	25 U	25 U	4.2 U
2-Hexanone	mg/L	31 U	31 U	31 U	36 U	31 U	25 U	36 U	50 U	50 U	4.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	31 U	31 U	31 U	36 U	31 U	25 U	36 U	50 U	50 U	4.2 U
Acetone	mg/L	16 U	16 U	16 U	18 U	1 ^h	12 U	18 U	25 U	25 U	4.2 U
Benzene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Bromodichloromethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Bromoform	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Bromomethane (Methyl bromide)	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Carbon disulfide	mg/L	3.1 U	3.1 U	3.1 U	3.6 U	3.1 U	2.5 U	3.6 U	5 U	5 U	2.1 U
Carbon tetrachloride	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Chlorobenzene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	--
Chloroethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 UJ	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Chloroform (Trichloromethane)	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Chloromethane (Methyl chloride)	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
cis-1,2-Dichloroethene	mg/L	9.2 ^{deh}	10 ^{deh}	6.5 ^{deh}	6.5 ^{deh}	5.6 ^{deh}	4.5 ^{deh}	4.4 ^{deh}	9.3 ^{deh}	8.9 ^{deh}	3.7 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 UJ	1 U	1 U	0.42 U
Cyclohexane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Dibromochloromethane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	--
Dichlorodifluoromethane (CFC-12)	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	--
Ethylbenzene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 UJ	1 U	1 U	0.42 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	--
Isopropyl benzene	mg/L	3.1 U	3.1 U	3.1 U	3.6 U	3.1 U	2.5 U	3.6 U	5 U	5 U	0.42 U
Methyl acetate	mg/L	6.2 U	6.2 U	6.2 U	7.1 U	6.2 U	5 U	7.1 U	10 U	10 U	4.2 U
Methyl cyclohexane	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Methyl tert butyl ether (MTBE)	mg/L	3.1 U	3.1 U	3.1 U	3.6 U	3.1 U	2.5 U	3.6 U	5 U	5 U	0.21 J ^{eh}
Methylene chloride	mg/L	3.1 U	3.1 U	3.1 U	3.6 U	3.1 U	0.17 J ^{eh}	3.6 U	5 U	5 U	2.1 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	--
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	--
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	--
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	--
Styrene	mg/L	0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 UJ	1 U	1 U	0.42 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07	MW19-07
Sample ID:	WG-17303-090607-EV-023	WG-17303-090607-EV-024	WG-17303-120507-DR-019	WG-17303-032608-MC-017	WG-17303-032608-MC-018	WG-17303-061808-DR-013	WG-17303-061808-DR-014	WG-17303-092308-CB-039	WG-17303-092308-CB-040	GW-17303-092811-CB-023
Sample Date:	09/06/2007	09/06/2007	12/05/2007	03/26/2008	03/26/2008	06/18/2008	06/18/2008	09/23/2008	09/23/2008	09/28/2011
Sample Type:										
Parameter:		Duplicate			Duplicate		Duplicate		Duplicate	
Units										
Tetrachloroethene	mg/L 0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Toluene	mg/L 0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
trans-1,2-Dichloroethene	mg/L 0.23 J ^{eh}	0.25 J ^{eh}	0.22 J ^{eh}	0.16 J ^{eh}	0.14 J ^{eh}	0.097 J	0.71 U	1 U	0.22 J ^{eh}	0.42 U
trans-1,3-Dichloropropene	mg/L 0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
trans-1,4-Dichloro-2-butene	mg/L -	-	-	-	-	-	-	-	-	--
Trichloroethene	mg/L 0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Trichlorofluoromethane (CFC-11)	mg/L 0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Trifluorotrichloroethane (Freon 113)	mg/L 0.62 U	0.62 U	0.62 U	0.71 U	0.62 U	0.5 U	0.71 U	1 U	1 U	0.42 U
Vinyl chloride	mg/L 19 ^{cdefhij}	21 ^{cdefhij}	19 ^{cdefhij}	23 ^{cdefhij}	18 ^{cdefhij}	15 ^{cdefhi}	15 ^{cdefhi}	28 ^{cdefhij}	26 ^{cdefhij}	9.1 ^{cdehi}
Xylenes (total)	mg/L 1.2 U	1.2 U	1.2 U	1.4 U	1.2 U	1 U	1.4 UJ	2 U	2 U	0.83 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-08 GW-17303-120103-DCR-253 12/01/2003	PAOC 19 MW19-11 GW-17303-120103-DCR-251 12/01/2003	PAOC 19 MW19-11 GW-17303-021312-CB-044 02/13/2012	PAOC 19 MW19-22 GW-17303-120303-DCR-268 12/03/2003	PAOC 19 MW19-23 GW-17303-120303-DCR-269 12/03/2003	PAOC 19 MW19-23 GW-17303-021412-CB-050 02/14/2012	PAOC 19 MW19-24 GW-17303-052804-DR-354 05/28/2004	PAOC 19 MW19-24 GW-17303-063004-DR-365 06/30/2004	PAOC 19 MW19-24 GW-17303-063004-DR-366 06/30/2004 Duplicate	PAOC 19 MW19-24 GW-17303-092204-DCR-635 09/22/2004
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	--	-	-	--	-	-	-	-
1,1,1-Trichloroethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,1,2,2-Tetrachloroethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,1,2-Trichloroethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,1-Dichloroethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,1-Dichloroethene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,2,3-Trichloropropane	mg/L	-	-	--	-	-	--	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	5 U	1.7 U	1 U	0.005 U	0.005 U	0.001 U	0.5 U	1.2 U	1 U	1.2 U
1,2,4-Trimethylbenzene	mg/L	-	-	--	-	-	--	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,2-Dichlorobenzene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,2-Dichloroethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,2-Dichloroethene (total)	mg/L	-	-	--	-	-	--	-	-	-	-
1,2-Dichloropropane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,3,5-Trimethylbenzene	mg/L	-	-	--	-	-	--	-	-	-	-
1,3-Dichlorobenzene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
1,3-Dichloropropene	mg/L	-	-	1 U	-	-	0.001 U	-	-	-	-
1,4-Dichlorobenzene	mg/L	1 U	0.33 U	--	0.001 U	0.001 U	--	0.1 U	0.25 U	0.2 U	0.25 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	25 U	8.3 U	10 U	0.025 U	0.025 U	0.01 U	2.5 U	6.2 U	5 U	6.2 U
2-Hexanone	mg/L	50 U	17 U	10 U	0.05 U	0.05 U	0.01 U	5 U	12 U	10 U	12 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	50 U	17 U	10 U	0.05 U	0.05 U	0.01 U	5 U	12 U	10 U	12 U
Acetone	mg/L	25 U	8.3 U	10 U	0.025 U	0.025 U	0.01 U	2.5 U	6.2 U	5 U	6.2 U
Benzene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.029 J ^{eh}	0.25 U	0.2 U	0.078 J ^{eh}
Bromodichloromethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Bromoform	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Bromomethane (Methyl bromide)	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Carbon disulfide	mg/L	5 U	1.7 U	5 U	0.005 U	0.005 U	0.005 U	0.5 U	1.2 U	1 U	1.2 U
Carbon tetrachloride	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Chlorobenzene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Chlorobromomethane	mg/L	-	-	--	-	-	--	-	-	-	-
Chloroethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Chloroform (Trichloromethane)	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Chloromethane (Methyl chloride)	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
cis-1,2-Dichloroethene	mg/L	9.3 ^{deh}	7.7 ^{deh}	33 ^{dehj}	0.001 U	0.00064 J	0.001 U	0.2 ^{eh}	0.24 J ^{eh}	0.29 ^{eh}	0.32 ^{eh}
cis-1,3-Dichloropropene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Cyclohexane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Dibromochloromethane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Dibromomethane	mg/L	-	-	--	-	-	--	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Ethyl ether	mg/L	-	-	--	-	-	--	-	-	-	-
Ethylbenzene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Iodomethane	mg/L	-	-	--	-	-	--	-	-	-	-
Isopropyl benzene	mg/L	5 U	1.7 U	1 U	0.005 U	0.005 U	0.001 U	0.5 U	1.2 U	1 U	1.2 U
Methyl acetate	mg/L	10 U	3.3 U	10 U	0.01 U	0.01 U	0.01 U	1 U	2.5 U	2 U	2.5 U
Methyl cyclohexane	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Methyl tert butyl ether (MTBE)	mg/L	5 U	1.7 U	5 U	0.005 U	0.005 U	0.005 U	0.5 U	1.2 U	1 U	1.2 U
Methylene chloride	mg/L	5 U	1.7 U	5 U	0.005 U	0.005 U	0.005 U	0.5 U	1.2 U	1 U	1.2 U
m-Xylene	mg/L	-	-	--	-	-	--	-	-	-	-
Naphthalene	mg/L	-	-	--	-	-	--	-	-	-	-
N-Propylbenzene	mg/L	-	-	--	-	-	--	-	-	-	-
o-Xylene	mg/L	-	-	--	-	-	--	-	-	-	-
Styrene	mg/L	1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW19-08	MW19-11	MW19-11	MW19-22	MW19-23	MW19-23	MW19-24	MW19-24	MW19-24	MW19-24
Sample ID:	GW-17303-120103-DCR-253	GW-17303-120103-DCR-251	GW-17303-021312-CB-044	GW-17303-120303-DCR-268	GW-17303-120303-DCR-269	GW-17303-021412-CB-050	GW-17303-052804-DR-354	GW-17303-063004-DR-365	GW-17303-063004-DR-366	GW-17303-092204-DCR-635
Sample Date:	12/01/2003	12/01/2003	02/13/2012	12/03/2003	12/03/2003	02/14/2012	05/28/2004	06/30/2004	06/30/2004	09/22/2004
Sample Type:										
Parameter:									Duplicate	
Units										
Tetrachloroethene	mg/L 1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Toluene	mg/L 0.6 J ^d	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
trans-1,2-Dichloroethene	mg/L 1 U	0.33 U	0.21 J ^{eh}	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
trans-1,3-Dichloropropene	mg/L 1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
trans-1,4-Dichloro-2-butene	mg/L -	-	--	-	-	--	-	-	-	-
Trichloroethene	mg/L 1 U	0.15 J ^{eh}	1 U	0.001 U	0.001 U	0.033 ^{eh}	0.1 U	0.25 U	0.2 U	0.25 U
Trichlorofluoromethane (CFC-11)	mg/L 1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Trifluorotrichloroethane (Freon 113)	mg/L 1 U	0.33 U	1 U	0.001 U	0.001 U	0.001 U	0.1 U	0.25 U	0.2 U	0.25 U
Vinyl chloride	mg/L 23 ^{cdefhij}	8.4 ^{cdehi}	5.7 ^{cdehi}	0.001 U	0.001 U	0.001 U	3.6 ^{cdehi}	7.8 ^{cdehi}	7.2 ^{cdehi}	6.9 ^{cdehi}
Xylenes (total)	mg/L 2 U	0.67 U	2 U	0.002 U	0.002 U	0.002 U	0.2 U	0.5 U	0.4 U	0.5 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
		MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24
		GW-17303-120804-DCR-653	GW-17303-120804-DCR-654	GW-17303-041305-DR-698	WG-17303-062305-DR-0826	WG-17303-100505-AB-0881	WG-17303-121305-NR-0903	WG-17303-030706-AB-0948	WG-17303-062906-NRS-009	WG-17303-100406-LA-052	WG-17303-120606-AF-021
		12/08/2004	12/08/2004	04/13/2005	06/23/2005	10/05/2005	12/13/2005	03/07/2006	06/29/2006	10/04/2006	12/06/2006
			Duplicate								
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
1,1,2,2-Tetrachloroethane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
1,1,2-Trichloroethane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
1,1-Dichloroethane	mg/L	0.2 U	0.2 U	0.00015 J	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
1,1-Dichloroethene	mg/L	0.2 U	0.2 U	0.00025 J	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	1 U	1 U	0.005 U	1.6 U	0.005 U	0.005 U	1.2 U	0.31 U	0.25 U	0.42 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
1,2-Dichlorobenzene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
1,2-Dichloroethane	mg/L	0.2 U	0.2 U	0.00027 J	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	5 U	5 U	0.025 U	7.8 U	0.025 U	0.025 U	6.2 U	1.6 U	1.2 U	2.1 U
2-Hexanone	mg/L	10 U	10 U	0.05 U	16 U	0.05 U	0.05 U	12 UJ	3.1 U	2.5 U	4.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	10 U	10 U	0.05 U	16 U	0.05 U	0.05 U	12 UJ	3.1 U	2.5 U	4.2 U
Acetone	mg/L	5 U	5 U	0.025 U	7.8 U	0.025 U	0.025 U	6.2 U	1.6 U	1.2 U	2.1 U
Benzene	mg/L	0.052 J ^{eh}	0.05 J ^{eh}	0.036 J ^{eh}	0.049 J ^{eh}	0.06 J ^{eh}	0.072 J ^{eh}	0.25 U	0.041 J ^{eh}	0.053 ^{eh}	0.037 J ^{eh}
Bromodichloromethane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
Bromoform	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Bromomethane (Methyl bromide)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Carbon disulfide	mg/L	1 U	1 U	0.00017 J	1.6 U	0.005 U	0.041 J	1.2 U	0.31 UJ	0.25 U	0.42 U
Carbon tetrachloride	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Chlorobenzene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Chloroform (Trichloromethane)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Chloromethane (Methyl chloride)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
cis-1,2-Dichloroethene	mg/L	0.31 ^{eh}	0.35 ^{eh}	0.24 J ^{eh}	0.32 ^{eh}	0.5 ^{eh}	0.31 J ^{eh}	0.18 J ^{eh}	0.25 ^{eh}	0.29 ^{eh}	0.18 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 UJ	0.05 U	0.083 U
Cyclohexane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 UJ	0.05 UJ	0.083 U
Dibromochloromethane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 UJ	0.05 UJ	0.083 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.2 U	0.2 U	0.001 U	0.12 J ^{deh}	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	1 U	1 U	0.005 U	1.6 U	0.005 U	0.005 U	1.2 U	0.31 U	0.25 U	0.42 U
Methyl acetate	mg/L	2 U	2 U	0.01 U	3.1 U	0.01 U	0.01 U	2.5 U	0.62 U	0.5 U	0.83 U
Methyl cyclohexane	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 UJ	0.05 UJ	0.083 U
Methyl tert butyl ether (MTBE)	mg/L	1 U	1 U	0.005 U	1.6 U	0.005 U	0.005 U	1.2 U	0.31 U	0.25 U	0.42 U
Methylene chloride	mg/L	1 U	1 U	0.005 U	1.6 U	0.005 U	0.005 U	1.2 U	0.31 U	0.25 U	0.42 U
m-Xylene	mg/L	-	-	0.002 U	0.32 J ^{eh}	0.002 U	0.002 U	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	0.001 U	0.1 J	0.001 U	0.001 U	-	-	-	-
Styrene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-24 GW-17303-120804-DCR-653 12/08/2004	PAOC 19 MW19-24 GW-17303-120804-DCR-654 12/08/2004 Duplicate	PAOC 19 MW19-24 GW-17303-041305-DR-698 04/13/2005	PAOC 19 MW19-24 WG-17303-062305-DR-0826 06/23/2005	PAOC 19 MW19-24 WG-17303-100505-AB-0881 10/05/2005	PAOC 19 MW19-24 WG-17303-121305-NR-0903 12/13/2005	PAOC 19 MW19-24 WG-17303-030706-AB-0948 03/07/2006	PAOC 19 MW19-24 WG-17303-062906-NRS-009 06/29/2006	PAOC 19 MW19-24 WG-17303-100406-LA-052 10/04/2006	PAOC 19 MW19-24 WG-17303-120606-AF-021 12/06/2006
Units											
Tetrachloroethene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Toluene	mg/L	0.2 U	0.2 U	0.001 U	0.033 J	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
trans-1,2-Dichloroethene	mg/L	0.2 U	0.2 U	0.011	0.31 U	0.014	0.01	0.25 U	0.062 U	0.017 J	0.083 U
trans-1,3-Dichloropropene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 UJ	0.062 U	0.05 U	0.083 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.00013 J	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Trichlorofluoromethane (CFC-11)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.2 U	0.2 U	0.001 U	0.31 U	0.001 U	0.001 U	0.25 U	0.062 U	0.05 U	0.083 U
Vinyl chloride	mg/L	7.7 ^{cdehi}	7.2 ^{cdehi}	5.7 J ^{cdehi}	7 ^{cdehi}	11 ^{cdehi}	8.8 ^{cdehi}	6.4 J ^{cdehi}	3.5 ^{cdehi}	3.9 ^{cdehi}	2.9 ^{cdehi}
Xylenes (total)	mg/L	0.4 U	0.4 U	0.003 U	0.46 J ^{deh}	0.003 U	0.003 U	0.5 UJ	0.12 U	0.1 U	0.17 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-24 WG-17303-120606-AF-022 12/06/2006 Duplicate	PAOC 19 MW19-24 WG-17303-030907-NRS-020 03/09/2007	PAOC 19 MW19-24 WG-17303-060607-DR-018 06/06/2007	PAOC 19 MW19-24 WG-17303-090607-EV-022 09/06/2007	PAOC 19 MW19-24 WG-17303-120507-DR-016 12/05/2007	PAOC 19 MW19-24 WG-17303-032508-MC-012 03/23/2008	PAOC 19 MW19-24 WG-17303-061808-DR-011 06/18/2008	PAOC 19 MW19-24 WG-17303-092308-CB-041 09/23/2008	PAOC 19 MW19-24 WG-17303-120908-CB-062 12/09/2008	PAOC 19 MW19-24 WG-17303-120908-CB-063 12/09/2008 Duplicate
	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,1,2,2-Tetrachloroethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 UJ	0.33 U	0.33 U
1,1,2-Trichloroethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,1-Dichloroethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,1-Dichloroethene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.45 U	0.62 U	0.14 U	0.36 U	2.1 U	2.5 U	3.1 U	4.2 U	1.7 U	1.7 U
1,2,4-Trimethylbenzene	mg/L	-	-	0.029 U	0.071 U	0.42 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,2-Dichlorobenzene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,2-Dichloroethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,3,5-Trimethylbenzene	mg/L	-	-	0.029 U	0.071 U	0.42 U	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	2.3 U	3.1 U	0.71 U	1.8 U	10 U	12 U	16 U	21 U	8.3 U	8.3 U
2-Hexanone	mg/L	4.5 U	6.2 U	1.4 U	3.6 U	21 U	25 U	31 U	42 U	17 U	17 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	4.5 U	6.2 U	1.4 UJ	3.6 U	21 U	25 U	31 U	42 U	17 U	17 U
Acetone	mg/L	2.3 U	0.093 J	0.71 U	1.8 U	10 U	12 U	16 U	21 U	8.3 U	8.3 U
Benzene	mg/L	0.04 J ^{eh}	0.12 U	0.034 J ^{eh}	0.061 J ^{eh}	0.1 J ^{eh}	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Bromodichloromethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Bromoform	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Bromomethane (Methyl bromide)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Carbon disulfide	mg/L	0.45 U	0.62 U	0.14 U	0.36 U	2.1 U	2.5 U	3.1 U	4.2 U	1.7 U	1.7 U
Carbon tetrachloride	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Chlorobenzene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Chloroform (Trichloromethane)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Chloromethane (Methyl chloride)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
cis-1,2-Dichloroethene	mg/L	0.18 J ^{eh}	0.37 J ^{eh}	0.27 J ^{eh}	0.27 J ^{eh}	0.35 J ^{eh}	0.25 J ^{eh}	0.29 J ^{eh}	0.35 J ^{eh}	0.18 J ^{eh}	0.17 J ^{eh}
cis-1,3-Dichloropropene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 UJ	0.33 UJ
Cyclohexane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Dibromochloromethane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.091 U	0.12 U	0.029 UJ	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 UJ	0.33 UJ
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.45 U	0.62 U	0.14 U	0.36 U	2.1 U	2.5 U	3.1 U	4.2 U	1.7 U	1.7 U
Methyl acetate	mg/L	0.91 U	1.2 U	0.29 U	0.71 U	4.2 U	5 U	6.2 U	8.3 U	3.3 U	3.3 U
Methyl cyclohexane	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U
Methyl tert butyl ether (MTBE)	mg/L	0.45 U	0.62 U	0.14 U	0.36 U	2.1 U	2.5 U	3.1 U	4.2 U	1.7 U	1.7 U
Methylene chloride	mg/L	0.45 U	0.62 U	0.14 U	0.36 U	2.1 U	2.5 U	0.25 J ^{eh}	4.2 U	1.7 U	1.7 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U	0.33 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	PAOC 19 MW19-24 WG-17303-120606-AF-022 12/06/2006 Duplicate	PAOC 19 MW19-24 WG-17303-030907-NRS-020 03/09/2007	PAOC 19 MW19-24 WG-17303-060607-DR-018 06/06/2007	PAOC 19 MW19-24 WG-17303-090607-EV-022 09/06/2007	PAOC 19 MW19-24 WG-17303-120507-DR-016 12/05/2007	PAOC 19 MW19-24 WG-17303-032508-MC-012 03/23/2008	PAOC 19 MW19-24 WG-17303-061808-DR-011 06/18/2008	PAOC 19 MW19-24 WG-17303-092308-CB-041 09/23/2008	PAOC 19 MW19-24 WG-17303-120908-CB-062 12/09/2008	PAOC 19 MW19-24 WG-17303-120908-CB-063 12/09/2008 Duplicate
Units										
Tetrachloroethene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
Toluene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
trans-1,2-Dichloroethene	mg/L	0.091 U	0.12 U	0.012 J	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
trans-1,3-Dichloropropene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
Trichlorofluoromethane (CFC-11)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.091 U	0.12 U	0.029 U	0.071 U	0.42 U	0.5 U	0.62 U	0.83 U	0.33 U
Vinyl chloride	mg/L	3.1 ^{cdehi}	2.7 ^{cdehi}	0.75 ^{deh}	2.2 ^{cdehi}	13 ^{cdehi}	13 ^{cdehi}	14 ^j	20 ^{cdefhij}	13 ^{cdehi}
Xylenes (total)	mg/L	0.18 U	0.25 U	0.057 U	0.14 U	0.83 U	1 U	1.2 U	1.7 U	0.67 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	MW19-24	PW2-99	SB19-27	SB19-29	SB19-30	SB19-31	SB19-32	SB19-33	SB19-34
Sample ID:	WG-17303-032409-CB-081	WG-17303-041310-CB-010	WG-17303-102510-DR-013	WG-17303-102510-DR-014	GW-17303-092811-CB-021	GW-17303-092811-CB-022	0511-120699-S7303-022806-NI7303-022806-NI7303-022806-NI7303-022806-NI7303-022806-NI	12/06/1999	02/28/2006	02/28/2006	02/28/2006	02/28/2006	02/28/2006	02/28/2006	GW-17303-022806-NR-0932
Sample Date:	03/24/2009	04/13/2010	10/25/2010	10/25/2010	09/28/2011	09/28/2011									02/28/2006
Sample Type:															
Parameter:															
Units															
Tetrachloroethene	mg/L	0.0033 U	0.33 U	0.5 U	0.5 U	0.13 U	0.13 U	-	0.00062 J	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U
Toluene	mg/L	0.0033 U	0.33 U	0.5 U	0.5 U	0.13 U	0.13 U	0.001 U	0.0009 J	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U
trans-1,2-Dichloroethene	mg/L	0.0022 J	0.33 U	0.5 U	0.5 U	0.13 U	0.13 U	0.001 U	0.0025 U	0.14 J ^{eh}	1.7 U	0.062 U	0.05 U	0.18 J ^{eh}	0.21 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.0033 U	0.33 UJ	0.5 U	0.5 U	0.13 U	0.13 U	-	0.0025 U	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	--	--	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.0033 U	0.33 U	0.5 U	0.5 U	0.13 U	0.13 U	0.001 U	0.0025 U	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U
Trichlorofluoromethane (CFC-11)	mg/L	0.0033 U	0.33 UJ	0.5 U	0.5 U	0.13 U	0.13 U	-	0.0025 U	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.0033 U	0.33 U	0.5 U	0.5 U	0.13 U	0.13 U	-	0.0025 U	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U
Vinyl chloride	mg/L	0.067 ^{deh}	12 ^{cdehi}	13 ^{cdehi}	14 ^{cdefhi}	3.7 ^{cdehi}	3.7 ^{cdehi}	0.001 U	0.072 ^{deh}	17 ^{cdefhi}	44 ^{bcd efhij}	1.7 ^{cdehi}	1.5 ^{cdehi}	6.6 ^{cdehi}	2.8 ^{cdehi}
Xylenes (total)	mg/L	0.0067 U	0.67 U	1 U	1 U	0.25 U	0.25 U	0.003 U	0.005 U	1.7 U	3.3 U	0.12 U	0.1 U	0.4 U	0.2 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

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UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 SB19-35 GW-17303-030306-NR-0940 03/03/2006	PAOC 19 SB19-35 GW-17303-030306-NR-0941 03/03/2006 Duplicate	PAOC 19 SB19-36 GW-17303-030306-NR-0938 03/03/2006	PAOC 19 SB19-40 GW-17303-030306-NR-0939 03/03/2006	PAOC 19 SB19-42 GW-17303-030306-NR-0943 03/03/2006	PAOC 19 SB19-43 WG-17303-053107-DR-004 05/31/2007	PAOC 19 SB19-44 WG-17303-053107-DR-002 05/31/2007	PAOC 19 SB19-44 WG-17303-053107-DR-003 05/31/2007 Duplicate	PAOC 19 SB19-45 WG-17303-053107-DR-001 05/31/2007	PAOC 19 SB19-46 WG-17303-053107-DR-005 05/31/2007
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1,2,2-Tetrachloroethane	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	0.0025 UJ
1,1,2-Trichloroethane	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1-Dichloroethane	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1-Dichloroethene	mg/L	0.12 U	0.12 U	0.25 ^{dehi}	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.62 U	0.62 U	1.2 U	1 U	0.25 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichlorobenzene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichloroethane	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,3-Dichlorobenzene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	3.1 U	3.1 U	6.2 U	5 U	1.2 U	0.025 U	0.025 U	0.025 U	0.025 U	0.062 U
2-Hexanone	mg/L	6.2 U	6.2 U	12 U	10 U	2.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.12 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	6.2 U	6.2 U	12 U	10 U	2.5 U	0.05 U	0.05 U	0.05 U	0.05 U	0.12 U
Acetone	mg/L	3.1 U	3.1 U	6.2 U	5 U	1.2 U	0.025 U	0.025 U	0.025 U	0.025 U	0.062 U
Benzene	mg/L	0.12 U	0.12 U	0.25 U	0.19 J ^{eh}	0.053 ^{eh}	0.001 U	0.001 U	0.001 U	0.001 U	0.0026
Bromodichloromethane	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromoform	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromomethane (Methyl bromide)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Carbon disulfide	mg/L	0.62 U	0.62 U	1.2 U	1 U	0.25 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
Carbon tetrachloride	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chlorobenzene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloroform (Trichloromethane)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloromethane (Methyl chloride)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
cis-1,2-Dichloroethene	mg/L	2.3 ^{deh}	2.3 ^{deh}	7.9 J ^{deh}	0.2 UJ	0.031 J	0.001 U	0.001 U	0.001 U	0.001 U	0.0061
cis-1,3-Dichloropropene	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Cyclohexane	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Dibromochloromethane	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.025 J ^d	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.62 U	0.62 U	1.2 U	1 U	0.25 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
Methyl acetate	mg/L	1.2 U	1.2 U	2.5 U	2 U	0.5 U	0.01 U	0.01 U	0.01 U	0.01 U	0.025 U
Methyl cyclohexane	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Methyl tert butyl ether (MTBE)	mg/L	0.62 U	0.62 U	1.2 U	1 U	0.25 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
Methylene chloride	mg/L	0.62 U	0.62 U	1.2 U	1 U	0.25 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.12 U	0.12 U	0.25 UJ	0.2 UJ	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

	PAOC 19 SB19-35	PAOC 19 SB19-35	PAOC 19 SB19-36	PAOC 19 SB19-40	PAOC 19 SB19-42	PAOC 19 SB19-43	PAOC 19 SB19-44	PAOC 19 SB19-44	PAOC 19 SB19-45	PAOC 19 SB19-46	
Sample Location:	GW-17303-030306-NR-0940	GW-17303-030306-NR-0941	GW-17303-030306-NR-0938	GW-17303-030306-NR-0939	GW-17303-030306-NR-0943	WG-17303-053107-DR-004	WG-17303-053107-DR-002	WG-17303-053107-DR-003	WG-17303-053107-DR-001	WG-17303-053107-DR-005	
Sample ID:	03/03/2006	03/03/2006	03/03/2006	03/03/2006	03/03/2006	05/31/2007	05/31/2007	05/31/2007	05/31/2007	05/31/2007	
Sample Date:											
Sample Type:											
Parameter:	Units	Duplicate						Duplicate			
Tetrachloroethene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.0025 U	
Toluene	mg/L	0.12 U	0.12 U	0.25 U	0.18 J	0.085	0.001 U	0.001 U	0.001 U	0.0025 U	
trans-1,2-Dichloroethene	mg/L	0.13 ^{eh}	0.11 ^j eh	0.94 ^{eh}	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.0025 U	
trans-1,3-Dichloropropene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.0025 U	
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	
Trichloroethene	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.0025 U	
Trichlorofluoromethane (CFC-11)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.0025 U	
Trifluorotrichloroethane (Freon 113)	mg/L	0.12 U	0.12 U	0.25 U	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.0025 U	
Vinyl chloride	mg/L	4.8 ^j cdehi	4.4 ^{cdehi}	4 ^{cdehi}	5.1 ^{cdehi}	1.5 ^{cdehi}	0.001 U	0.0024 ^{eh}	0.0021 ^{eh}	0.001 U	0.077 ^{deh}
Xylenes (total)	mg/L	0.25 U	0.25 U	0.5 U	0.4 U	0.055 J ^d	0.002 U	0.002 U	0.002 U	0.005 U	

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 SB19-47 WG-17303-053107-DR-006 05/31/2007	PAOC 19 SB19-48 WG-17303-053107-DR-007 05/31/2007	PAOC 19 TW-10 TW-10 09/12/1996	PAOC 19 TW-11 TW-11 09/12/1996	PAOC 20 MW-7 MW-7 04/24/1996	PAOC 20 MW-7 BBLMW-7 02/01/1997	PAOC 20 MW-7 BBLMW-7 05/01/1997	PAOC 20 MW-7 BBLMW-7 08/01/1997	PAOC 20 MW-7 BBLMW-7 11/01/1997	PAOC 20 MW-7 WG-17303-080805-DR-0837 08/08/2005
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,1,2,2-Tetrachloroethane	mg/L	0.02 UJ	0.02 UJ	-	-	-	-	-	-	-	0.017 U
1,1,2-Trichloroethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,1-Dichloroethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,1-Dichloroethene	mg/L	0.02 U	0.02 U	0.002	0.001 U	0.05 U	-	-	0.001 U	0.001 U	0.017 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.1 U	0.1 U	-	-	-	-	-	-	-	0.083 U
1,2,4-Trimethylbenzene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,2-Dichlorobenzene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,2-Dichloroethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	0.001 U	-	0.017 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,3,5-Trimethylbenzene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.5 U	0.5 U	-	-	-	-	-	-	-	0.42 U
2-Hexanone	mg/L	1 U	1 UJ	-	-	-	-	-	-	-	0.83 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1 U	1 UJ	-	-	-	-	-	-	-	0.83 U
Acetone	mg/L	0.5 U	0.5 U	-	-	-	-	-	-	-	0.42 U
Benzene	mg/L	0.02 U	0.02 U	-	-	-	0.46 ^{deh}	0.24 ^{deh}	0.18 ^{eh}	0.32 ^{deh}	0.15 ^{eh}
Bromodichloromethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ
Bromoform	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ
Bromomethane (Methyl bromide)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Carbon disulfide	mg/L	0.1 U	0.1 U	-	-	-	-	-	-	-	0.083 U
Carbon tetrachloride	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Chlorobenzene	mg/L	0.02 U	0.02 U	-	-	-	-	-	0.003	-	0.017 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Chloroform (Trichloromethane)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Chloromethane (Methyl chloride)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
cis-1,2-Dichloroethene	mg/L	0.49 ^{eh}	0.5 ^{eh}	7.13 ^{deh}	0.001	0.05 U	2.2 ^{deh}	-	0.097 ^{eh}	0.001 U	0.017 U
cis-1,3-Dichloropropene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ
Cyclohexane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.009 J
Dibromochloromethane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.02 U	0.02 U	-	-	-	0.79 ^{dehj}	1.3 ^{dehj}	0.5 ^{dehj}	0.79 ^{dehj}	0.079 ^{deh}
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.1 U	0.1 U	-	-	-	-	-	-	-	0.029 J ^d
Methyl acetate	mg/L	0.2 U	0.2 U	-	-	-	-	-	-	-	0.17 U
Methyl cyclohexane	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Methyl tert butyl ether (MTBE)	mg/L	0.1 U	0.1 U	-	-	-	-	-	-	-	0.083 U
Methylene chloride	mg/L	0.1 U	0.1 U	-	-	-	-	-	-	-	0.083 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 20	PAOC 20	PAOC 20	PAOC 20	PAOC 20	PAOC 20	PAOC 20
Sample Location:	SB19-47	SB19-48	TW-10	TW-11	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
Sample ID:	WG-17303-053107-DR-006	WG-17303-053107-DR-007	TW-10	TW-11	MW-7	BBLMW-7	BBLMW-7	BBLMW-7	BBLMW-7	BBLMW-7	WG-17303-080805-DR-0837
Sample Date:	05/31/2007	05/31/2007	09/12/1996	09/12/1996	04/24/1996	02/01/1997	05/01/1997	08/01/1997	11/01/1997	08/08/2005	
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Toluene	mg/L	0.02 U	0.02 U	-	-	-	0.0064	0.026	0.009	0.001 U	0.017 U
trans-1,2-Dichloroethene	mg/L	0.026	0.032	0.301 ^{eh}	0.001 U	0.05 U	0.005 U	-	0.003	0.001 U	0.017 U
trans-1,3-Dichloropropene	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.02 U	0.02 U	0.001 U	0.001 U	0.05 U	0.47 ^{deh}	-	0.001	0.38 ^{deh}	0.017 U
Trichlorofluoromethane (CFC-11)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.02 U	0.02 U	-	-	-	-	-	-	-	0.017 UJ
Vinyl chloride	mg/L	0.64 ^{deh}	0.46 ^J deh	4.89 ^{cdehi}	3.185 ^{cdehi}	0.05 U	5.2 ^{cdehi}	-	0.48 ^{deh}	0.22 ^{deh}	0.017 U
Xylenes (total)	mg/L	0.04 U	0.04 U	-	-	-	3 ^{dehj}	4.8 ^{dehj}	1.1 ^{dehj}	1.33 ^{dehj}	0.071 ^J d

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

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NLV - Hazardous substance is not likely to volatilize under most conditions

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UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-2 GW-17303-112602-MM-148 11/26/2002	PAOC 23 IW-6 WG-17303-080905-DR-0839 08/09/2005	PAOC 23 IW-6 WG-17303-080905-DR-0840 08/09/2005	PAOC 23 IW-6 WG-17303-080905-DR-0841 08/09/2005	PAOC 23 IW-6 WG-17303-080905-DR-0842 08/09/2005	PAOC 23 IW-6 WG-17303-080905-DR-0843 08/09/2005 Duplicate	PAOC 23 IW-9 GW-17303-JH-121301-0100 12/13/2001	PAOC 23 IW-9 GW-17303-011402-BN-111 01/14/2002	PAOC 23 IW-9 GW-17303-031402-TJ-117 03/14/2002	PAOC 23 IW-9 GW-17303-050602-MM-123 05/06/2002
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.077 ^{eh}	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.015 ^{eh}	0.012 ^{eh}	0.012 ^{eh}	0.004
1,2,3-Trichloropropane	mg/L	0.001 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	8.3 U	12 U	12 U	12 U	12 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	-	-	-	-	-	0.005	0.011	0.009	0.002
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	-	-	-	-	-	0.002	0.004	0.003	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	42 U	62 U	62 U	62 U	62 U	0.64 J	0.16	0.05 U	0.05 U
2-Hexanone	mg/L	0.05 U	83 U	120 U	120 U	120 U	120 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	83 U	120 U	120 U	120 U	120 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.025 U	42 U	62 U	62 U	62 U	62 U	0.1 U	0.13	0.16	0.1 U
Benzene	mg/L	0.048 ^{eh}	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.02 ^{eh}	0.034 ^{eh}	0.041 ^{eh}	0.015 ^{eh}
Bromodichloromethane	mg/L	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	8.3 U	12 U	12 U	12 U	12 U	0.005 U	0.005	0.018	0.006
Carbon tetrachloride	mg/L	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	0.001 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001	0.002	0.002
Chloromethane (Methyl chloride)	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	53 ^{dehj}	17 ^{dehj}	46 ^{dehj}	75 ^{dehj}	72 ^{dehj}	79 ^{dehj}	16 ^{dehj}	21 ^{dehj}	24 ^{dehj}	4.8 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	0.001 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	0.02 U	-	-	-	-	-	0.02 U	0.02 U	0.02 U	0.02 U
Ethylbenzene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.071 ^d	0.11 ^{deh}	0.15 ^{deh}	0.04 ^d
Iodomethane	mg/L	0.01 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.005 U	8.3 U	12 U	12 U	12 U	12 U	0.023	0.026	0.028	0.01
Methyl acetate	mg/L	-	17 U	25 U	25 U	25 U	25 U	-	-	-	-
Methyl cyclohexane	mg/L	-	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	8.3 U	12 U	12 U	12 U	12 U	-	-	-	-
Methylene chloride	mg/L	0.005 U	8.3 U	12 U	12 U	12 U	12 U	0.005	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.005 U	-	-	-	-	-	0.045 ^d	0.075 ^d	0.05 ^d	0.009
N-Propylbenzene	mg/L	0.005 U	-	-	-	-	-	0.001	0.001	0.001	0.001 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-2	IW-6	IW-6	IW-6	IW-6	IW-6	IW-6	IW-9	IW-9	IW-9
Sample ID:	GW-17303-112602-MM-148	WG-17303-080905-DR-0839	WG-17303-080905-DR-0840	WG-17303-080905-DR-0841	WG-17303-080905-DR-0842	WG-17303-080905-DR-0843	GW-17303-JH-121301-0100	GW-17303-011402-BN-111	GW-17303-031402-TJ-117	GW-17303-050602-MM-123
Sample Date:	11/26/2002	08/09/2005	08/09/2005	08/09/2005	08/09/2005	08/09/2005	12/13/2001	01/14/2002	03/14/2002	05/06/2002
Sample Type:										
Parameter:						Duplicate				
Units										
Tetrachloroethene	mg/L	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.11	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.38 ^d	2.1 ^{deh}	1.1 ^{deh}
trans-1,2-Dichloroethene	mg/L	1.8 ^{j^{deh}}	0.6 ^{j^{eh}}	1.2 ^{j^{eh}}	1.5 ^{j^{eh}}	1.5 ^{j^{eh}}	1.8 ^{j^{deh}}	0.46 ^{eh}	0.67 ^{eh}	1 ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	0.05 U	-	-	-	-	-	0.002 U	0.002 U	0.002 U
Trichloroethene	mg/L	0.058 ^{eh}	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.45 ^{deh}	0.17 ^{eh}	0.16 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	-	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	-	-	-
Vinyl chloride	mg/L	49 ^{bcdefhij}	40 ^{bcdefhij}	66 ^{bcdefhij}	79 ^{bcdefhij}	67 ^{bcdefhij}	71 ^{bcdefhij}	31 ^{cdefhij}	18 ^{cdefhij}	42 ^{bcdefhij}
Xylenes (total)	mg/L	0.083 ^d	3.3 U	5 U	5 U	5 U	5 U	0.268 ^d	0.57 ^{deh}	6 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-9 GW-072202-MM-130 07/22/2002	PAOC 23 IW-9 GW-072202-MM-131 07/22/2002 Duplicate	PAOC 23 IW-9 GW-17303-112502-MM-144 11/25/2002	PAOC 23 IW-9 17303-062603-HH-IW9-208 06/26/2003	PAOC 23 IW-9 GW-17303-120203-DCR-256 12/02/2003	PAOC 23 IW-9 GW-17303-033104-DCR-300 03/31/2004	PAOC 23 IW-9 GW-17303-033104-DCR-301 03/31/2004 Duplicate	PAOC 23 IW-9 GW-17303-063004-DR-373 06/30/2004	PAOC 23 IW-9 GW-17303-092204-DCR-630 09/22/2004	PAOC 23 IW-9 GW-17303-120804-DCR-656 12/08/2004
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,1-Dichloroethene	mg/L	0.012 ^{eh}	0.011 ^{eh}	0.028 ^{eh}	0.021 ^{eh}	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U	10 U	7.1 U	7.1 U	6.2 U	5 U	6.2 U
1,2,4-Trimethylbenzene	mg/L	0.005	0.004	0.01	0.005	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,3,5-Trimethylbenzene	mg/L	0.002	0.001 U	0.004	0.001 U	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.05 U	0.025 U	0.025 U	50 U	36 U	36 U	31 U	25 U	31 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	100 U	71 U	71 U	62 U	50 U	62 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	100 U	71 U	71 U	62 U	50 U	62 U
Acetone	mg/L	0.1	0.1	0.025 U	0.025 U	50 U	36 U	36 U	31 U	25 U	31 U
Benzene	mg/L	0.037 ^{eh}	0.038 ^{eh}	0.043 ^{eh}	0.025 ^{eh}	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Carbon disulfide	mg/L	0.006	0.007	0.005 U	0.005 U	10 U	7.1 U	7.1 U	6.2 U	5 U	6.2 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Chloroform (Trichloromethane)	mg/L	0.001	0.002	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
cis-1,2-Dichloroethene	mg/L	20 ^{dehj}	20 ^{dehj}	29 ^{dehj}	16 ^{dehj}	22 ^{dehj}	14 ^{dehj}	14 ^{dehj}	9.6 ^{deh}	10 ^{deh}	13 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Cyclohexane	mg/L	-	-	-	-	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Dibromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Ethyl ether	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	-	-	-	-	-
Ethylbenzene	mg/L	0.11 ^{deh}	0.12 ^{deh}	0.03 ^d	0.012	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Iodomethane	mg/L	0.001 U	0.001 U	0.01 U	0.01 U	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.025	0.038 ^d	0.016	10 U	7.1 U	7.1 U	6.2 U	5 U	6.2 U
Methyl acetate	mg/L	-	-	-	-	20 U	14 U	14 U	12 U	10 U	12 U
Methyl cyclohexane	mg/L	-	-	-	-	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	10 U	7.1 U	7.1 U	6.2 U	5 U	6.2 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	10 U	7.1 U	7.1 U	6.2 U	5 U	6.2 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.033 ^d	0.033 ^d	0.005 U	0.01	-	-	-	-	-	-
N-Propylbenzene	mg/L	0.001 U	0.001 U	0.005 U	0.005 U	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.007	0.001 U	2 U	1.4 U	1.4 U	1.2 U	1 U	1.2 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23		PAOC 23			
Sample Location:	IW-9		IW-9		IW-9		IW-9		IW-9		IW-9		IW-9		IW-9		IW-9			
Sample ID:	GW-072202-MM-130		GW-072202-MM-131		GW-17303-112502-MM-144		17303-062603-HH-IW9-208		GW-17303-120203-DCR-256		GW-17303-033104-DCR-300		GW-17303-033104-DCR-301		GW-17303-063004-DR-373		GW-17303-092204-DCR-630		GW-17303-120804-DCR-656	
Sample Date:	07/22/2002		07/22/2002		11/25/2002		06/26/2003		12/02/2003		03/31/2004		03/31/2004		06/30/2004		09/22/2004		12/08/2004	
Sample Type:																				
Parameter:	Units																			
Tetrachloroethene	mg/L	0.001 U	0.001 U		0.001 U		0.001 U		2 U		1.4 U		1.4 U		1.2 U		1 U		1.2 U	
Toluene	mg/L	0.9 ^{deh}		1.1 ^{deh}		1.2 ^{deh}		0.64 ^d		2 ^{deh}		0.43 J ^d		0.48 J ^d		1.2 U		0.3 J ^d		0.3 J ^d
trans-1,2-Dichloroethene	mg/L	0.81 ^{eh}		0.86 ^{eh}		0.86 J ^{eh}		0.5 U		0.56 J ^{eh}		0.41 J ^{eh}		1.4 U		0.33 J ^{eh}		0.29 J ^{eh}		0.36 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U		0.001 U		0.001 U		2 U		1.4 U		1.4 U		1.2 U		1 U		1.2 U	
trans-1,4-Dichloro-2-butene	mg/L	0.002 U	0.002 U		0.05 U		0.05 U		-		-		-		-		-		-	
Trichloroethene	mg/L	0.051 ^{eh}		0.054 ^{eh}		0.014 ^{eh}		0.008 ^{eh}		2 U	1.4 U		1.4 U		1.2 U		1 U		1.2 U	
Trichlorofluoromethane (CFC-11)	mg/L	-	-		-		-		2 U		1.4 U		1.4 U		1.2 U		1 U		1.2 U	
Trifluorotrichloroethane (Freon 113)	mg/L	-	-		-		-		2 U		1.4 U		1.4 U		1.2 U		1 U		1.2 U	
Vinyl chloride	mg/L	36 ^{bcdefhij}		39 ^{bcdefhij}		73 ^{bcdefhij}		74 ^{bcdefhij}		68 ^{bcdefhij}		50 ^{bcdefhij}		50 ^{bcdefhij}		43 ^{bcdefhij}		36 ^{bcdefhij}		36 ^{bcdefhij}
Xylenes (total)	mg/L	0.5 ^{deh}		0.52 ^{deh}		3 U		0.3 ^{deh}		4 U	2.9 U		2.9 U		2.5 U		2 U		2.5 U	

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9	PAOC 23 IW-9
Sample Location:		GW-17303-031005-DR-688	WG-17303-062305-DR-0815	WG-17303-100505-AB-0886	WG-17303-121405-AB-0922	WG-17303-030906-EV-0963	WG-17303-030906-NR-0965	WG-17303-070506-EV-021	WG-17303-100306-EV-041	WG-17303-120606-DK-020	WG-17303-030907-EV-023
Sample ID:		03/10/2005	06/23/2005	10/05/2005	12/14/2005	03/09/2006	03/09/2006	07/05/2006	10/03/2006	12/06/2006	03/09/2007
Sample Date:											
Sample Type:											
Parameter:	Units						Duplicate				
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,1,2-Trichloroethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,1-Dichloroethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,1-Dichloroethene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	6.3 U	13 U	13 U	5 U	5 U	6.2 U	5 U	3.1 U	5 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,2-Dichlorobenzene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,2-Dichloroethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	31 U	63 U	64 U	25 U	25 U	31 U	25 U	16 U	25 U
2-Hexanone	mg/L	0.05 U	63 U	130 U	130 U	50 U	50 U	62 U	50 U	31 U	50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	63 U	130 U	130 U	50 UJ	50 UJ	62 U	50 U	31 U	50 U
Acetone	mg/L	0.025 U	3.7 J ^{deh}	12 J ^{deh}	64 U	25 U	25 U	31 U	25 U	16 U	0.8 J ^h
Benzene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Bromodichloromethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 UJ	1 UJ	1.2 U	1 U	0.62 U	1 U
Bromoform	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 UJ	0.62 U	1 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 UJ	1 U	0.62 U	1 U
Carbon disulfide	mg/L	0.005 U	6.3 U	13 U	13 U	5 U	5 U	6.2 UJ	5 U	3.1 U	5 U
Carbon tetrachloride	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Chlorobenzene	mg/L	0.001 U	0.14 J ^{deh}	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 UJ	1 U	0.62 U	1 U
Chloroform (Trichloromethane)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
cis-1,2-Dichloroethene	mg/L	12 ^{dehj}	7.3 ^{deh}	13 ^{dehj}	17 ^{dehj}	7.6 J ^{deh}	8.3 J ^{deh}	12 ^{dehj}	7.2 ^{deh}	5 ^{deh}	4.3 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	1.3 U	2.5 UJ	2.6 U	1 UJ	1 UJ	1.2 U	1 U	0.62 U	1 U
Cyclohexane	mg/L	0.00013 J	0.21 J	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Dibromochloromethane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 UJ	1 UJ	0.62 U	1 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.0002 J	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	6.3 U	13 U	13 U	5 U	5 U	6.2 U	5 U	3.1 U	5 U
Methyl acetate	mg/L	0.01 U	13 U	25 UJ	26 U	10 U	10 U	12 U	10 U	6.2 U	10 U
Methyl cyclohexane	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	6.3 U	13 U	13 U	5 U	5 U	6.2 U	5 U	3.1 U	5 U
Methylene chloride	mg/L	0.005 U	6.3 U	0.38 J ^{eh}	13 U	5 U	5 U	6.2 U	5 U	3.1 U	5 U
m-Xylene	mg/L	0.00077 J	2.5 U	5 U	5.1 U	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	0.00048 J	0.13 J	2.5 U	2.6 U	-	-	-	-	-	-
Styrene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 UJ	1 UJ	1.2 U	1 U	0.62 U	1 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	
Sample Location:	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	
Sample ID:	GW-17303-031005-DR-688	WG-17303-062305-DR-0815	WG-17303-100505-AB-0886	WG-17303-121405-AB-0922	WG-17303-030906-EV-0963	WG-17303-030906-NR-0965	WG-17303-070506-EV-021	WG-17303-100306-EV-041	WG-17303-120606-DK-020	WG-17303-030907-EV-023	
Sample Date:	03/10/2005	06/23/2005	10/05/2005	12/14/2005	03/09/2006	03/09/2006	07/05/2006	10/03/2006	12/06/2006	03/09/2007	
Sample Type:											
Parameter:						Duplicate					
Units											
Tetrachloroethene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 UJ	0.62 U	1 U
Toluene	mg/L	0.0013	1.3 U	0.42 J ^d	0.8 J ^{deh}	0.38 J ^d	0.4 J ^d	1.2 ^{deh}	0.49 J ^d	0.15 J	0.17 J
trans-1,2-Dichloroethene	mg/L	0.0023	0.38 J ^{eh}	0.45 J ^{eh}	0.35 J ^{eh}	0.29 J ^{eh}	0.33 J ^{eh}	0.38 J ^{eh}	0.26 J ^{eh}	0.19 J ^{eh}	1 U
trans-1,3-Dichloropropene	mg/L	0.001 U	1.3 U	2.5 UJ	2.6 U	1 U	1 U	1.2 U	1 UJ	0.62 U	1 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	1.3 U	2.5 U	2.6 U	1 U	1 U	1.2 U	1 U	0.62 U	1 U
Vinyl chloride	mg/L	45 ^{bcd efhij}	28 ^{cde fghij}	42 ^{bcd efhij}	33 ^{cde fghij}	27 ^{cde fghij}	30 ^{cde fghij}	40 ^{bcd efhij}	33 ^{cde fghij}	22 ^{cde fghij}	22 ^{cde fghij}
Xylenes (total)	mg/L	0.0012 J	0.13 J ^d	7.5 U	7.7 U	2 UJ	2 UJ	2.5 U	2 U	0.34 J ^{deh}	2 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-9 WG-17303-060507-DR-001 06/05/2007	PAOC 23 IW-9 WG-17303-090607-EV-018 09/06/2007	PAOC 23 IW-9 GW-17303-120607-DR-024 12/06/2007	PAOC 23 IW-9 WG-17303-032708-CB-030 03/27/2008	PAOC 23 IW-9 WG-17303-061908-DR-020 06/19/2008	PAOC 23 IW-9 WG-17303-092308-DR-032 09/23/2008	PAOC 23 IW-12 GW-17303-JH-121301-0101 12/13/2001	PAOC 23 IW-12 GW-17303-011402-BN-112 01/14/2002	PAOC 23 IW-12 GW-17303-031402-TJ-118 03/14/2002	PAOC 23 IW-12 GW-17303-050602-MM-124 05/06/2002
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.42 UJ	1.7 U	1.2 U	1 U	0.42 U	0.71 UJ	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.006 ^{eh}	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.17 ^{deh}	0.011 ^{eh}	0.001	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	2.1 U	8.3 U	6.2 U	5 U	2.1 U	3.6 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.42 U	1.7 U	1.2 U	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.002	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.42 U	1.7 U	1.2 U	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	10 U	42 U	31 U	25 U	10 U	18 U	0.23	0.11	0.07	0.099
2-Hexanone	mg/L	21 U	83 U	62 U	50 U	21 U	36 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	21 U	83 U	62 U	50 U	21 U	36 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	10 U	42 U	31 U	25 U	10 U	18 U	0.1 U	0.34	0.28	2.6 ^{deh}
Benzene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.1 ^{eh}	0.053 ^{eh}	0.042 ^{eh}	0.088 ^{eh}
Bromodichloromethane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001
Bromoform	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	2.1 U	8.3 U	6.2 U	5 U	2.1 U	3.6 U	0.005 U	0.008	0.007	0.005 U
Carbon tetrachloride	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.42 U	1.7 U	1.2 U	1 UJ	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.003	0.004	0.004
Chloromethane (Methyl chloride)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	3.5 ^{deh}	6.3 ^{deh}	6.2 ^{deh}	3.4 ^{deh}	1.4 ^{deh}	1.8 ^{deh}	64 ^{dehj}	5 ^{deh}	1.1 ^{deh}	0.001 U
cis-1,3-Dichloropropene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	-	-	-	-
Dibromochloromethane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.003
Dibromomethane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.42 UJ	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	0.02 U	0.02 U	0.02 U	0.02 U
Ethylbenzene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 UJ	0.71 U	0.015	0.006	0.005	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	2.1 U	8.3 U	6.2 U	5 U	2.1 U	3.6 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	4.2 UJ	17 U	12 U	10 U	4.2 U	7.1 U	-	-	-	-
Methyl cyclohexane	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	2.1 U	8.3 U	6.2 U	5 U	2.1 U	3.6 U	-	-	-	-
Methylene chloride	mg/L	2.1 U	8.3 U	6.2 U	5 U	2.1 U	3.6 U	0.005	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	0.005 U	0.007	0.006	0.005 U
N-Propylbenzene	mg/L	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-12	IW-12	IW-12	IW-12
Sample ID:	WG-17303-060507-DR-001	WG-17303-090607-EV-018	GW-17303-120607-DR-024	WG-17303-032708-CB-030	WG-17303-061908-DR-020	WG-17303-092308-DR-032	GW-17303-JH-121301-0101	GW-17303-011402-BN-112	GW-17303-031402-TJ-118	GW-17303-050602-MM-124
Sample Date:	06/05/2007	09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/23/2008	12/13/2001	01/14/2002	03/14/2002	05/06/2002
Sample Type:										
Parameter:										
Units										
Tetrachloroethene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.13 J	0.91 J ^{deh}	1.1 J ^{deh}	0.46 J ^d	0.42 U	0.22 J	0.26	0.16	0.13
trans-1,2-Dichloroethene	mg/L	0.095 J	1.7 U	0.25 J ^{eh}	1 U	0.42 U	0.71 U	0.76 ^{eh}	0.26 ^{eh}	0.1
trans-1,3-Dichloropropene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	0.002 U	0.002 U	0.002 U
Trichloroethene	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	0.008 ^{eh}	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.42 U	1.7 U	1.2 U	1 U	0.42 U	0.71 U	-	-	-
Vinyl chloride	mg/L	15 ^{cdefhi}	36 ^{bcd efhij}	46 ^{bcd efhij}	32 ^{cdefhij}	11 ^{cdehi}	17 ^{cdefhi}	39 ^{bcd efhij}	2.2 ^{cdehi}	0.21 ^{deh}
Xylenes (total)	mg/L	0.83 U	3.3 U	0.62 J ^{deh}	2 U	0.83 UJ	1.4 U	0.039	0.017	0.01

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-12 GW-072202-MM-132 07/22/2002	PAOC 23 IW-12 GW-17303-112502-MM-145 11/23/2002	PAOC 23 IW-12 17303-062603-HH-IW12-206 06/26/2003	PAOC 23 IW-12 GW-17303-120203-DCR-258 12/02/2003	PAOC 23 IW-12 GW-17303-033104-DCR-302 03/31/2004	PAOC 23 IW-12 GW-17303-070104-DR-375 07/01/2004	PAOC 23 IW-12 GW-17303-092204-DCR-633 09/22/2004	PAOC 23 IW-12 GW-17303-120704-DCR-651 12/07/2004	PAOC 23 IW-12 GW-17303-031005-DR-684 03/10/2005	PAOC 23 IW-12 GW-17303-031005-DR-685 03/10/2005 Duplicate
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.059 ^{eh}	0.22 J ^{dehi}	0.016 ^{eh}	2 U	2.5 U	0.56 U	1 U	1.7 U	0.041 J ^{eh}	0.042 J ^{eh}
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.001 U	0.001 U	10 U	12 U	2.8 U	5 U	8.3 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.00012 J	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.00015 J	0.00017 J
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.025 U	0.025 U	50 U	62 U	14 U	25 U	42 U	0.025 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	100 U	120 U	28 U	50 U	83 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	100 U	120 U	28 U	50 U	83 U	0.05 U	0.05 U
Acetone	mg/L	0.1 U	0.025 U	0.025 U	50 U	62 U	0.64 J	25 U	42 U	0.003 J	0.0029 J
Benzene	mg/L	0.085 ^{eh}	0.16 ^{eh}	0.1 ^{eh}	2 U	0.63 J ^{deh}	0.17 J ^{eh}	1 U	1.7 U	0.035 J ^{eh}	0.036 J ^{eh}
Bromodichloromethane	mg/L	0.002	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.006	0.005	0.005 U	10 U	12 U	2.8 U	5 U	8.3 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.005	2 U	2.5 U	0.56 U	1 U	1.7 U	0.012	0.013
Chloroform (Trichloromethane)	mg/L	0.005	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	16 ^{dehj}	60 ^{dehj}	6.2 ^{deh}	44 ^{dehj}	50 ^{dehj}	12 ^{dehj}	31 ^{dehj}	46 ^{dehj}	8 ^{deh}	8.9 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	-	2 U	2.5 U	0.56 U	1 U	1.7 U	0.0016	0.0015
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Dibromomethane	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Ethyl ether	mg/L	0.02 U	0.02 U	0.02 U	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.011	0.007	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.00023 J	0.00027 J
Iodomethane	mg/L	0.001 U	0.01 U	0.01 U	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.005 U	0.005 U	10 U	12 U	2.8 U	5 U	8.3 U	0.00025 J	0.00026 J
Methyl acetate	mg/L	-	-	-	20 U	25 U	5.6 U	10 U	17 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	-	-	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	10 U	12 U	2.8 U	5 U	8.3 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	10 U	12 U	2.8 U	5 U	8.3 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	0.0054	0.0055
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	0.001 U	0.005 U	0.005 U	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	0.0055	0.0057
Styrene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U	0.00018 J

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12
Sample ID:	GW-072202-MM-132	GW-17303-112502-MM-145	17303-062603-HH-IW12-206	GW-17303-120203-DCR-258	GW-17303-033104-DCR-302	GW-17303-070104-DR-375	GW-17303-092204-DCR-633	GW-17303-120704-DCR-651	GW-17303-031005-DR-684	GW-17303-031005-DR-685
Sample Date:	07/22/2002	11/23/2002	06/26/2003	12/02/2003	03/31/2004	07/01/2004	09/22/2004	12/07/2004	03/10/2005	03/10/2005
Sample Type:										
Parameter:										Duplicate
Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U
Toluene	mg/L	0.2	0.48 J ^d	0.08	2 U	2.5 U	0.13 J	1 U	1.7 U	0.043 J
trans-1,2-Dichloroethene	mg/L	0.95 ^{eh}	2.2 ^{deh}	0.27 ^{eh}	1.5 J ^{eh}	2 J ^{deh}	0.45 J ^{eh}	0.75 J ^{eh}	1.1 J ^{eh}	0.29 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	0.002 U	0.05 U	0.05 U	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.78 J ^{deh}	0.001	2 U	2.5 U	0.56 U	1 U	1.7 U	0.0016
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	2 U	2.5 U	0.56 U	1 U	1.7 U	0.001 U
Vinyl chloride	mg/L	14 ^{cdefhi}	74 ^{bcdefhij}	13 ^{cdehi}	22 ^{cdefhij}	31 ^{cdefhij}	9.9 ^{cdehi}	21 ^{cdefhij}	28 ^{cdefhij}	11 ^{cdehi}
Xylenes (total)	mg/L	0.039	0.1 ^d	0.006	4 U	5 U	1.1 U	2 U	3.3 U	0.011

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-12 WG-17303-062305-DR-0816 06/23/2005	PAOC 23 IW-12 WG-17303-080905-DR-0844 08/09/2005	PAOC 23 IW-12 WG-17303-080905-DR-0845 08/09/2005	PAOC 23 IW-12 WG-17303-080905-DR-0846 08/09/2005	PAOC 23 IW-12 WG-17303-080905-DR-0847 08/09/2005	PAOC 23 IW-12 WG-17303-100505-AB-0884 10/05/2005	PAOC 23 IW-12 WG-17303-121305-NR-0906 12/13/2005	PAOC 23 IW-12 WG-17303-030906-EV-0961 03/09/2006	PAOC 23 IW-12 WG-17303-070506-EV-022 07/05/2006	PAOC 23 IW-12 WG-17303-100406-LA-056 10/04/2006
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,1,2,2-Tetrachloroethane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,1,2-Trichloroethane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,1-Dichloroethane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,1-Dichloroethene	mg/L	0.16 J ^{deh}	0.5 U	1.2 U	1.7 U	0.3 J ^{dehi}	0.11 J ^{eh}	3.1 U	1 U	1.7 U	1 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	6.3 U	2.5 U	6.2 U	8.3 U	8.3 U	1.3 U	16 U	5 U	8.3 U	5 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,2-Dichlorobenzene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,2-Dichloroethane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	31 U	12 U	31 U	42 U	42 U	6.3 U	78 U	25 U	42 U	25 U
2-Hexanone	mg/L	63 U	25 U	62 U	83 U	83 U	13 U	160 U	50 U	83 U	50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	63 U	25 U	62 U	83 U	83 U	13 U	160 U	50 UJ	83 U	50 U
Acetone	mg/L	31 U	12 U	31 U	42 U	42 U	6.3 U	78 U	25 U	42 U	25 U
Benzene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.077 J ^{eh}	3.1 U	1 U	1.7 U	0.24 J ^{deh}
Bromodichloromethane	mg/L	1.3 U	0.5 UJ	1.2 UJ	1.7 UJ	1.7 UJ	0.25 U	3.1 U	1 UJ	1.7 U	1 U
Bromoform	mg/L	1.3 U	0.5 UJ	1.2 UJ	1.7 UJ	1.7 UJ	0.25 U	3.1 U	1 U	1.7 U	1 UJ
Bromomethane (Methyl bromide)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 UJ	1 U
Carbon disulfide	mg/L	6.3 U	2.5 U	6.2 U	8.3 U	8.3 U	1.3 U	16 U	5 U	8.3 UJ	5 U
Carbon tetrachloride	mg/L	1.3 U	0.5 UJ	1.2 UJ	1.7 UJ	1.7 UJ	0.25 U	3.1 U	1 U	1.7 U	1 U
Chlorobenzene	mg/L	0.18 J ^{deh}	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 UJ	1 U
Chloroform (Trichloromethane)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
Chloromethane (Methyl chloride)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
cis-1,2-Dichloroethene	mg/L	19 ^{dehj}	15 ^{dehj}	30 ^{dehj}	45 ^{dehj}	76 ^{dehj}	43 ^{dehj}	49 ^{dehj}	38 J ^{dehj}	41 ^{dehj}	75 ^{dehj}
cis-1,3-Dichloropropene	mg/L	1.3 U	0.5 UJ	1.2 UJ	1.7 UJ	1.7 UJ	0.25 U	3.1 U	1 UJ	1.7 U	1 U
Cyclohexane	mg/L	0.17 J	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
Dibromochloromethane	mg/L	1.3 U	0.5 UJ	1.2 UJ	1.7 UJ	1.7 UJ	0.25 U	3.1 U	1 U	1.7 U	1 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 UJ	1 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	6.3 U	2.5 U	6.2 U	8.3 U	8.3 U	1.3 U	16 U	5 U	8.3 U	5 U
Methyl acetate	mg/L	13 U	5 U	12 U	17 U	17 U	2.5 U	31 U	10 U	17 U	10 U
Methyl cyclohexane	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U	1 U
Methyl tert butyl ether (MTBE)	mg/L	6.3 U	2.5 U	6.2 U	8.3 U	8.3 U	1.3 U	16 U	5 U	8.3 U	5 U
Methylene chloride	mg/L	6.3 U	2.5 U	6.2 U	8.3 U	8.3 U	1.3 U	16 U	5 U	8.3 U	5 U
m-Xylene	mg/L	2.5 U	-	-	-	-	0.5 U	6.3 U	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	1.3 U	-	-	-	-	0.25 U	3.1 U	-	-	-
Styrene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 UJ	1.7 U	1 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12
Sample ID:	WG-17303-062305-DR-0816	WG-17303-080905-DR-0844	WG-17303-080905-DR-0845	WG-17303-080905-DR-0846	WG-17303-080905-DR-0847	WG-17303-100505-AB-0884	WG-17303-121305-NR-0906	WG-17303-030906-EV-0961	WG-17303-070506-EV-022	WG-17303-100406-LA-056
Sample Date:	06/23/2005	08/09/2005	08/09/2005	08/09/2005	08/09/2005	10/05/2005	12/13/2005	03/09/2006	07/05/2006	10/04/2006
Sample Type:										
Parameter:										
Units										
Tetrachloroethene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U
Toluene	mg/L	1.3 U	0.097 J	1.2 U	1.7 U	1.7 U	0.13 J	3.1 U	1 U	1.7 U
trans-1,2-Dichloroethene	mg/L	0.58 J ^{eh}	0.29 J ^{eh}	0.5 J ^{eh}	0.88 J ^{eh}	1.3 J ^{eh}	0.51 ^{eh}	0.72 J ^{eh}	0.54 J ^{eh}	0.61 J ^{eh}
trans-1,3-Dichloropropene	mg/L	1.3 U	0.5 UJ	1.2 UJ	1.7 UJ	1.7 UJ	0.25 U	3.1 U	1 U	1.7 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U
Trichlorofluoromethane (CFC-11)	mg/L	1.3 U	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.15 J ^d	0.5 U	1.2 U	1.7 U	1.7 U	0.25 U	3.1 U	1 U	1.7 U
Vinyl chloride	mg/L	19 ^{cdefhij}	13 ^{cdehi}	21 ^{cdefhij}	28 ^{cdefhij}	39 ^{bcddefhij}	32 ^{cdefhij}	29 ^{cdefhij}	23 ^{cdefhij}	23 ^{cdefhij}
Xylenes (total)	mg/L	3.8 U	1 U	2.5 U	3.3 U	3.3 U	0.75 U	9.4 U	2 UJ	3.3 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-14
Sample ID:		WG-17303-120606-EV-019	WG-17303-030907-EV-024	WG-17303-060507-DR-002	WG-17303-030907-EV-015	GW-17303-120607-DR-025	WG-17303-032708-CB-029	WG-17303-061908-DR-021	WG-17303-092308-DR-030	WG-17303-102610-DR-021	GW-17303-012904-MM-297
Sample Date:		12/06/2006	03/09/2007	06/05/2007	09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/23/2008	10/26/2010	01/29/2004
Sample Type:											
Parameter:	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,1,2,2-Tetrachloroethane	mg/L	1.2 U	1.2 U	1 UJ	1.7 U	1.7 U	0.62 U	1 U	1 UJ	1.7 U	1 U
1,1,2-Trichloroethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,1-Dichloroethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,1-Dichloroethene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	6.2 U	6.2 U	5 U	8.3 U	8.3 U	3.1 U	5 U	5 U	8.3 U	5 U
1,2,4-Trimethylbenzene	mg/L	-	-	1 U	1.7 U	1.7 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,2-Dichlorobenzene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,2-Dichloroethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,3,5-Trimethylbenzene	mg/L	-	-	1 U	1.7 U	1.7 U	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	31 U	31 U	25 U	42 U	42 U	16 U	25 U	25 U	42 U	25 U
2-Hexanone	mg/L	62 U	62 U	50 U	83 U	83 U	31 U	50 U	50 U	83 U	50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	62 U	62 U	50 UJ	83 U	83 U	31 U	50 U	50 U	83 U	50 U
Acetone	mg/L	31 U	31 U	25 U	1.8 J ^{dh}	42 U	0.9 J ^h	25 U	25 U	42 U	25 U
Benzene	mg/L	1.2 U	1.2 U	0.27 J ^{deh}	1.7 U	0.37 J ^{deh}	0.62 U	1 U	0.26 J ^{deh}	1.7 U	1 U
Bromodichloromethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Bromoform	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Bromomethane (Methyl bromide)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 UJ	1 U	1 U	1.7 U	1 U
Carbon disulfide	mg/L	6.2 U	6.2 U	5 U	8.3 U	8.3 U	3.1 U	5 U	5 U	8.3 U	5 U
Carbon tetrachloride	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Chlorobenzene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 UJ	1 U	1 U	1.7 U	1 U
Chloroform (Trichloromethane)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Chloromethane (Methyl chloride)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
cis-1,2-Dichloroethene	mg/L	47 ^{dehj}	41 ^{dehj}	34 ^{dehj}	52 ^{dehj}	54 ^{dehj}	14 ^{dehj}	32 ^{dehj}	38 ^{dehj}	36 ^{dehj}	22 ^{dehj}
cis-1,3-Dichloropropene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 UJ	1 U	1.7 U	1 U
Cyclohexane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Dibromochloromethane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	1.2 U	1.2 U	1 UJ	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 UJ	1 U	1.7 U	1 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	6.2 U	6.2 U	5 U	8.3 U	8.3 U	3.1 U	5 U	5 U	8.3 U	5 U
Methyl acetate	mg/L	12 U	12 U	10 UJ	17 U	17 U	6.2 U	10 U	10 U	17 U	10 U
Methyl cyclohexane	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U
Methyl tert butyl ether (MTBE)	mg/L	6.2 U	6.2 U	5 U	8.3 U	8.3 U	3.1 U	5 U	5 U	8.3 U	5 U
Methylene chloride	mg/L	6.2 U	6.2 U	5 U	8.3 U	8.3 U	3.1 U	5 U	5 U	8.3 U	5 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1.7 U	1 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-12	IW-14
Sample ID:	WG-17303-120606-EV-019	WG-17303-030907-EV-024	WG-17303-060507-DR-002	WG-17303-090607-EV-015	GW-17303-120607-DR-025	WG-17303-032708-CB-029	WG-17303-061908-DR-021	WG-17303-092308-DR-030	WG-17303-102610-DR-021	GW-17303-012904-MM-297
Sample Date:	12/06/2006	03/09/2007	06/03/2007	09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/23/2008	10/26/2010	01/29/2004
Sample Type:										
Parameter:										
Units										
Tetrachloroethene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1 U
Toluene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	0.24 J	1 U	1 U
trans-1,2-Dichloroethene	mg/L	0.6 J ^{eh}	0.56 J ^{eh}	0.49 J ^{eh}	0.69 J ^{eh}	0.69 J ^{eh}	0.17 J ^{eh}	0.38 J ^{eh}	0.42 J ^{eh}	0.35 J ^{eh}
trans-1,3-Dichloropropene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1 U
Trichlorofluoromethane (CFC-11)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1 U
Trifluorotrichloroethane (Freon 113)	mg/L	1.2 U	1.2 U	1 U	1.7 U	1.7 U	0.62 U	1 U	1 U	1 U
Vinyl chloride	mg/L	28 ^{cdefhij}	24 ^{cdefhij}	26 ^{cdefhij}	27 ^{cdefhij}	31 ^{cdefhij}	13 J ^{cdehi}	19 ^{cdefhij}	18 ^{cdefhij}	14 ^{cdefhi}
Xylenes (total)	mg/L	2.5 U	2.5 U	2 U	3.3 U	3.3 U	1.2 U	2 U	2 U	2 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	PAOC 23 IW-18	PAOC 23 IW-20	PAOC 23 IW-20	PAOC 23 IW-24	PAOC 23 IW-24	PAOC 23 IW-24	PAOC 23 IW-24	PAOC 23 IW-24	PAOC 23 IW-26	PAOC 23 IW-26R	PAOC 23 IW-29
Sample ID:	GW-17303-112602-MM-154	WG-17303-061605-DR-0792	GW-17303-121112-CB-068	WG-17303-080905-DR-0848	WG-17303-080905-DR-0849	WG-17303-080905-DR-0850	WG-17303-080905-DR-0851	GW-17303-112602-MM-151	GW-17303-120303-DCR-276	GW-17303-012904-MM-294	
Sample Date:	11/26/2002	06/16/2005	12/11/2012	08/09/2005	08/09/2005	08/09/2005	08/09/2005	11/26/2002	12/03/2003	01/29/2004	
Sample Type:											
Parameter:											
Units											
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	-	-	-	-	-	0.001 U	-	-	
1,1,1-Trichloroethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,1,2-Trichloroethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,1-Dichloroethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,1-Dichloroethene	mg/L	1.3 J ^{dehi}	0.33 ^{dehi}	1.3 U	0.054 J ^{eh}	0.5 U	0.5 U	0.095 J ^{eh}	0.02 J ^{eh}	1 U	
1,2,3-Trichloropropane	mg/L	0.001 U	-	-	-	-	-	0.001 U	-	-	
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.62 U	1.3 U	1.2 U	2.5 U	2.5 U	0.001 U	5 U	5 U	
1,2,4-Trimethylbenzene	mg/L	0.044 ^d	-	-	-	-	-	0.036 ^d	-	-	
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	-	1 U	1 U	
1,2-Dichlorobenzene	mg/L	0.002	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,2-Dichloroethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	
1,2-Dichloropropane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,3,5-Trimethylbenzene	mg/L	0.01	-	-	-	-	-	0.007	-	-	
1,3-Dichlorobenzene	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	
1,4-Dichlorobenzene	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.001 U	1 U	1 U	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	3.1 U	13 U	6.2 U	12 U	12 U	12 UJ	0.025 U	25 U	
2-Hexanone	mg/L	0.05 U	6.2 U	13 U	12 U	25 U	25 U	25 UJ	0.05 U	50 U	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	6.2 U	13 U	12 U	25 U	25 U	25 U	0.05 U	50 U	
Acetone	mg/L	0.025 U	2 J ^{dh}	13 U	6.2 U	12 U	12 U	12 U	0.025 U	25 U	
Benzene	mg/L	0.032 ^{eh}	0.12 U	1.3 U	0.088 J ^{eh}	0.12 J ^{eh}	0.12 J ^{eh}	0.13 J ^{eh}	0.021 J ^{eh}	1 U	
Bromodichloromethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.001 U	1 U	
Bromoform	mg/L	0.001 U	0.12 U	1.3 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.001 U	1 U	
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	
Carbon disulfide	mg/L	0.005 U	0.62 U	6.3 U	1.2 U	2.5 U	2.5 U	2.5 U	0.005 U	5 U	
Carbon tetrachloride	mg/L	0.001 U	0.12 U	1.3 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.001 U	1 U	
Chlorobenzene	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	
Chlorobromomethane	mg/L	0.001 U	-	-	-	-	-	-	0.001 U	-	
Chloroethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	
Chloroform (Trichloromethane)	mg/L	0.001	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	
cis-1,2-Dichloroethene	mg/L	76 ^{dehj}	1.8 ^{deh}	34 ^{dehj}	5.3 ^{deh}	13 ^{dehj}	16 ^{dehj}	22 J ^{dehj}	13 ^{dehj}	21 ^{dehj}	
cis-1,3-Dichloropropene	mg/L	0.001 U	0.12 U	1.3 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.001 U	1 U	
Cyclohexane	mg/L	-	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	-	1 U	
Dibromochloromethane	mg/L	0.001 U	0.12 U	1.3 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.001 U	1 U	
Dibromomethane	mg/L	0.001 U	-	-	-	-	-	-	0.001 U	-	
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	
Ethyl ether	mg/L	0.02 U	-	-	-	-	-	-	0.02 U	-	
Ethylbenzene	mg/L	0.17 ^{deh}	0.57 ^{dehj}	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.028 ^d	1 U	
Iodomethane	mg/L	0.01 U	-	-	-	-	-	-	0.01 U	-	
Isopropyl benzene	mg/L	0.016	0.021 J	1.3 U	1.2 U	2.5 U	2.5 U	2.5 U	0.058 ^d	5 U	
Methyl acetate	mg/L	-	1.2 U	13 U	2.5 U	5 U	5 U	5 U	-	10 U	
Methyl cyclohexane	mg/L	-	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	-	1 U	
Methyl tert butyl ether (MTBE)	mg/L	-	0.62 U	6.3 U	1.2 U	2.5 U	2.5 U	2.5 U	-	5 U	
Methylene chloride	mg/L	0.005 U	0.053 J ^{eh}	6.3 U	1.2 U	2.5 U	2.5 U	2.5 U	0.005 U	5 U	
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/L	0.02 ^d	-	-	-	-	-	-	0.1 ^d	-	
N-Propylbenzene	mg/L	0.005	-	-	-	-	-	-	0.005 U	-	
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	
Styrene	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U	

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-18	IW-20	IW-20	IW-24	IW-24	IW-24	IW-24	IW-24	IW-26	IW-26R
Sample ID:	GW-17303-112602-MM-154	WG-17303-061605-DR-0792	GW-17303-121112-CB-068	WG-17303-080905-DR-0848	WG-17303-080905-DR-0849	WG-17303-080905-DR-0850	WG-17303-080905-DR-0851	GW-17303-112602-MM-151	GW-17303-120303-DCR-276	GW-17303-012904-MM-294
Sample Date:	11/26/2002	06/16/2005	12/11/2012	08/09/2005	08/09/2005	08/09/2005	08/09/2005	11/26/2002	12/03/2003	01/29/2004
Sample Type:										
Parameter:										
Units										
Tetrachloroethene	mg/L	0.001 U	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.001 U	1 U
Toluene	mg/L	1.4 J ^{deh}	0.083 J	1.3 U	0.056 J	0.1 J	0.12 J	0.16 J	0.3 J ^d	0.21 J
trans-1,2-Dichloroethene	mg/L	8.4 ^{deh}	0.77 ^{eh}	1.3 U	0.78 ^{eh}	1.5 ^{eh}	1.8 ^{deh}	1.9 ^{deh}	0.5 U	0.54 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	0.12 U	1.3 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.001 U	1 U
trans-1,4-Dichloro-2-butene	mg/L	0.05 U	-	-	-	-	-	-	0.05 U	-
Trichloroethene	mg/L	24 ^{cdehij}	3.6 ^{dehij}	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	0.7 ^{deh}	1 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	-	1 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.12 U	1.3 U	0.25 U	0.5 U	0.5 U	0.5 U	-	1 U
Vinyl chloride	mg/L	17 ^{cdefhi}	1.2 ^{cdehi}	14 ^{cdefhi}	5.5 ^{cdehi}	11 ^{cdehi}	13 ^{cdehi}	17 J ^{cdefhi}	12 ^{cdehi}	35 ^{bcd efhij}
Xylenes (total)	mg/L	1.36 J ^{dehj}	0.89 ^{dehj}	2.5 U	0.5 U	1 U	0.23 J ^d	0.41 J ^{deh}	0.12 ^d	2 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:										
	PAOC 23 IW-30 GW-17303-112602-MM-149 11/26/2002	PAOC 23 IW-30 GW-17303-112602-MM-150 11/26/2002 Duplicate	PAOC 23 IW-33 GW-17303-JH-121301-0102 12/13/2001	PAOC 23 IW-33 GW-17303-011402-BN-113 01/14/2002	PAOC 23 IW-33 GW-17303-031402-TJ-119 03/14/2002	PAOC 23 IW-33 GW-17303-050602-MM-125 05/06/2002	PAOC 23 IW-33 GW-17303-050602-MM-126 05/06/2002 Duplicate	PAOC 23 IW-33 GW-072202-MM-135 07/22/2002	PAOC 23 IW-33 GW-17303-112602-MM-153 11/26/2002	PAOC 23 IW-33 17303-062603-HH-MW33-207 06/26/2003
	Units									
	VOCs									
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.034 ^{eh}	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.003
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.003	0.001	0.001	0.001 U	0.001 U	0.002	0.003
1,1-Dichloroethene	mg/L	0.33 ^{dehi}	0.32 ^{dehi}	0.031 ^{eh}	0.012 ^{eh}	0.001 U	0.001 U	0.001 U	0.003	0.033 ^{eh}
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.02 ^d	0.02 ^d	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.003
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.003	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.009 ^{eh}	0.001	0.001	0.001	0.001	0.003	0.004
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.006 ^{eh}	0.001 U	0.002	0.001	0.002	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.007	0.008	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.05 U	0.11	0.05 U	0.05 U	0.05 U	0.05 U	0.025 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.025 U	0.025 U	0.26	0.49	0.24	0.4	0.38	0.1 U	0.025 U
Benzene	mg/L	0.16 ^{eh}	0.15 ^{eh}	0.18 ^{eh}	0.08 ^{eh}	0.068 ^{eh}	0.058 ^{eh}	0.062 ^{eh}	0.11 ^{eh}	0.18 ^{eh}
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.002	0.002	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.026	0.017	0.01	0.011	0.019	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.004	0.005	0.006	0.006	0.006	0.001
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	58 ^{dehj}	60 ^{dehj}	12 ^{dehj}	2.8 ^{deh}	0.59 ^{eh}	0.001 U	0.001 U	1.5 ^{deh}	7.4 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.003	0.003	0.001 U	0.001 U
Dibromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Ethylbenzene	mg/L	0.005	0.005	0.026 ^d	0.01	0.001	0.001	0.002	0.001 U	0.001 U
Iodomethane	mg/L	0.01 U	0.01 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.01 U
Isopropyl benzene	mg/L	0.094 ^d	0.094 ^d	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methyl acetate	mg/L	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/L	0.005 U	0.005 U	0.008 ^{eh}	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.073 ^d	0.083 ^d	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Propylbenzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-30	IW-30	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33
Sample ID:	GW-17303-112602-MM-149	GW-17303-112602-MM-150	GW-17303-JH-121301-0102	GW-17303-011402-BN-113	GW-17303-031402-TJ-119	GW-17303-050602-MM-125	GW-17303-050602-MM-126	GW-072202-MM-135	GW-17303-112602-MM-153	17303-062603-HH-MW33-207
Sample Date:	11/26/2002	11/26/2002	12/13/2001	01/14/2002	03/14/2002	05/06/2002	05/06/2002	07/22/2002	11/26/2002	06/26/2003
Sample Type:										
Parameter:		Duplicate					Duplicate			
Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.27 J	0.26 J	0.17	0.084	0.066	0.048	0.053	0.12	0.21 J
trans-1,2-Dichloroethene	mg/L	3.8 ^{deh}	4.1 ^{deh}	0.6 ^{eh}	0.21 ^{eh}	0.006	0.001 U	0.001 U	0.15 ^{eh}	0.6 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	0.05 U	0.05 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.05 U
Trichloroethene	mg/L	0.026 ^{eh}	0.026 ^{eh}	0.012 ^{eh}	0.03 ^{eh}	0.012 ^{eh}	0.001 U	0.001 U	0.065 ^{eh}	0.15 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	75 ^{bcd efhij}	75 ^{bcd efhij}	200 ^{bcd efhij}	14 ^{cde fhi}	0.42 ^{deh}	0.001 U	0.001 U	27 ^{cde f h i j}	100 ^{bcd ef h i j}
Xylenes (total)	mg/L	0.26 ^d	0.26 J ^d	0.115 ^d	0.063 ^d	0.036	0.02	0.021	0.093 ^d	0.196 ^d

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

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NLL - Hazardous substance is not likely to leach under most soil conditions.

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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-33 GW-17303-120203-DCR-257 12/02/2003	PAOC 23 IW-33 GW-17303-040104-DCR-312 04/01/2004	PAOC 23 IW-33 GW-17303-070104-DR-376 07/01/2004	PAOC 23 IW-33 GW-17303-092204-MM-631 09/22/2004	PAOC 23 IW-33 GW-17303-092204-MM-632 09/22/2004 Duplicate	PAOC 23 IW-33 GW-17303-120804-DCR-657 12/08/2004	PAOC 23 IW-33 7303-031005-D ³ 303-062305-DI ⁷ 303-100505-AF ³ 03-121405-NI ⁷ 303-031006-E1 ⁷ 303-070506-E ⁷ 303-100406-L ⁷ 303-120606-E ⁷ 303-030907-E ⁷	PAOC 23 IW-33 06/23/2005	PAOC 23 IW-33 10/05/2005	PAOC 23 IW-33 12/14/2005	PAOC 23 IW-33 03/10/2006	PAOC 23 IW-33 07/05/2006	PAOC 23 IW-33 10/04/2006	PAOC 23 IW-33 12/06/2006	PAOC 23 IW-33 03/09/2007
VOCs	Units															
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,1,2,2-Tetrachloroethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,1,2-Trichloroethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.0069 ^{eh}	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,1-Dichloroethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.0097	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,1-Dichloroethene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.36 J ^{dehi}	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	10 U	6.2 U	8.3 U	17 U	17 U	17 U	0.00021 J	31 U	25 U	18 U	25 U	17 U	6.2 U	10 U	25 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,2-Dichlorobenzene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.00075 J	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,2-Dichloroethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.018 ^{eh}	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.0094 ^{eh}	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.00052 J	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.00092 J	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	50 U	31 U	42 U	83 U	83 U	83 U	0.022 J	160 U	130 U	89 U	120 U	83 U	31 U	50 U	120 U
2-Hexanone	mg/L	100 U	62 U	83 U	170 U	170 U	170 U	0.05 U	310 U	250 U	180 U	250 UJ	170 U	62 U	100 U	250 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	100 U	62 U	83 U	170 U	170 U	170 U	0.079	310 U	250 U	180 U	250 U	170 U	62 U	100 U	250 U
Acetone	mg/L	50 U	31 U	1.5 J ^h	83 U	83 U	83 U	0.055	160 U	130 U	89 U	120 U	83 U	31 U	50 U	4.1 J ^{deh}
Benzene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.14 J ^{eh}	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Bromodichloromethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Bromoform	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Bromomethane (Methyl bromide)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 UJ	1.2 U	2 U	5 U
Carbon disulfide	mg/L	10 U	6.2 U	8.3 U	17 U	17 U	17 U	0.005 U	31 U	25 U	18 U	25 U	17 UJ	6.2 U	10 U	25 U
Carbon tetrachloride	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Chlorobenzene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.0001 J	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 UJ	1.2 U	2 U	5 U
Chloroform (Trichloromethane)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Chloromethane (Methyl chloride)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
cis-1,2-Dichloroethene	mg/L	5.1 ^{deh}	2.3 ^{deh}	4.4 ^{deh}	5.5 ^{deh}	5.6 ^{deh}	45 ^{dehj}	130 ^{dehij}	71 ^{dehj}	14 ^{dehj}	5.6 ^{deh}	10 ^{deh}	30 ^{dehj}	7.8 ^{deh}	4.1 ^{deh}	4.6 J ^{deh}
cis-1,3-Dichloropropene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 UJ	3.3 U	1.2 U	2 U	5 U
Cyclohexane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.014	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 UJ	2 U	5 U
Dibromochloromethane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 UJ	1.2 UJ	2 U	5 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.007	3.5 J ^{dehj}	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	10 U	6.2 U	8.3 U	17 U	17 U	17 U	0.0054	31 U	25 U	18 U	25 U	17 U	6.2 U	10 U	25 U
Methyl acetate	mg/L	20 U	12 U	17 U	33 U	33 U	33 U	0.01 U	63 U	50 U	36 U	50 U	33 U	12 U	20 U	50 U
Methyl cyclohexane	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.0048	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 UJ	2 U	5 U
Methyl tert butyl ether (MTBE)	mg/L	10 U	6.2 U	8.3 U	17 U	17 U	17 U	0.005 U	31 U	25 U	18 U	25 U	17 U	6.2 U	10 U	25 U
Methylene chloride	mg/L	10 U	6.2 U	8.3 U	17 U	17 U	17 U	0.00088 J	31 U	25 U	18 U	25 U	17 U	6.2 U	10 U	25 U
m-Xylene	mg/L	-	-	-	-	-	-	0.099 J	5.7 J ^{eh}	10 U	7.1 U	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	0.084 J	2.7 J ^{eh}	5 U	3.6 U	-	-	-	-	-
Styrene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 UJ	3.3 U	1.2 U	2 U	5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33
Sample ID:	GW-17303-120203-DCR-257	GW-17303-040104-DCR-312	GW-17303-070104-DR-376	GW-17303-092204-MM-631	GW-17303-092204-MM-632	GW-17303-120804-DCR-657	7303-031005-D	7303-062305-D	7303-100505-AF	7303-121405-NI	7303-031006-E	7303-070506-E	7303-100406-L	7303-120606-E	7303-030907-E	
Sample Date:	12/02/2003	04/01/2004	07/01/2004	09/22/2004	09/22/2004	12/08/2004	03/10/2005	06/23/2005	10/05/2005	12/14/2005	03/10/2006	07/05/2006	10/04/2006	12/06/2006	03/09/2007	
Sample Type:																
Parameter:																
Units																
Tetrachloroethene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Toluene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.14 J	0.8 J ^{deh}	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
trans-1,2-Dichloroethene	mg/L	2 U	1.2 U	0.31 J ^{eh}	3.3 U	3.3 U	0.99 J ^{eh}	2.1 J ^{deh}	1.6 J ^{deh}	0.82 J ^{eh}	3.6 U	5 U	0.67 J ^{eh}	0.44 J ^{eh}	2 U	5 U
trans-1,3-Dichloropropene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.12 J ^{eh}	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Trichlorofluoromethane (CFC-11)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Trifluorotrichloroethane (Freon 113)	mg/L	2 U	1.2 U	1.7 U	3.3 U	3.3 U	3.3 U	0.001 U	6.3 U	5 U	3.6 U	5 U	3.3 U	1.2 U	2 U	5 U
Vinyl chloride	mg/L	48 ^{bcd ef hij}	40 ^{bcd ef hij}	45 ^{bcd ef hij}	98 ^{bcd ef hij}	90 ^{bcd ef hij}	120 ^{bcd ef hij}	220 ^{bcd ef hij}	180 ^{bcd ef hij}	88 ^{bcd ef hij}	55 ^{bcd ef hij}	110 ^{bcd ef hij}	110 ^{bcd ef hij}	78 J ^{bcd ef hij}	71 ^{bcd ef hij}	120 ^{bcd ef hij}
Xylenes (total)	mg/L	4 U	2.5 U	3.3 U	6.7 U	6.7 U	6.7 U	0.19 J ^d	9.1 J ^{deh j}	15 U	11 U	10 UJ	6.7 U	2.5 UJ	4 U	10 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
		IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-34	IW-34	IW-34	IW-34
		WG-17303-060507-DR-003	WG-17303-090607-EV-016	GW-17303-120607-DR-026	WG-17303-032708-CB-028	WG-17303-061908-DR-022	WG-17303-092308-DR-034	WG-17303-080905-DR-0852	WG-17303-080905-DR-0853	WG-17303-080905-DR-0854	WG-17303-080905-DR-0855
		06/05/2007	09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/23/2008	08/09/2005	08/09/2005	08/09/2005	08/09/2005
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	mg/L	2 UJ	5 U	1.7 U	3.3 U	2.5 U	1.4 UJ	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2-Trichloroethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	10 U	25 U	8.3 U	17 U	12 U	7.1 U	12 U	12 U	12 U	12 U
1,2,4-Trimethylbenzene	mg/L	2 U	5 U	1.7 U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichlorobenzene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3,5-Trimethylbenzene	mg/L	2 U	5 U	1.7 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	50 U	120 U	42 U	83 U	62 U	36 U	62 U	62 U	62 U	62 U
2-Hexanone	mg/L	100 U	250 U	83 U	170 U	120 U	71 U	120 U	120 U	120 U	120 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	100 U	250 U	83 U	170 U	120 U	71 U	120 U	120 U	120 U	120 U
Acetone	mg/L	50 U	120 U	42 U	5.1 ^J deh	62 U	36 U	62 U	3.6 ^J deh	4.6 ^J deh	4.2 ^J deh
Benzene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 U	2.5 U
Bromoform	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 U	2.5 U
Bromomethane (Methyl bromide)	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon disulfide	mg/L	10 U	25 U	8.3 U	17 U	12 U	7.1 U	12 U	12 U	12 U	12 U
Carbon tetrachloride	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 U	2.5 U
Chlorobenzene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform (Trichloromethane)	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane (Methyl chloride)	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
cis-1,2-Dichloroethene	mg/L	8.8 ^{deh}	13 ^{dehj}	3.5 ^{deh}	1.2 ^J deh	2.8 ^{deh}	2.6 ^{deh}	14 ^{dehj}	13 ^{dehj}	14 ^{dehj}	13 ^{dehj}
cis-1,3-Dichloropropene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 UJ	1.4 U	2.5 UJ	2.5 U	2.5 U	2.5 U
Cyclohexane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 U	2.5 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	2 UJ	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 UJ	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	10 U	25 U	8.3 U	17 U	12 U	7.1 U	12 U	12 U	12 U	12 U
Methyl acetate	mg/L	20 UJ	50 U	17 U	33 U	25 U	14 U	25 U	25 U	25 U	25 U
Methyl cyclohexane	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl tert butyl ether (MTBE)	mg/L	10 U	25 U	8.3 U	17 U	12 U	7.1 U	12 U	12 U	12 U	12 U
Methylene chloride	mg/L	10 U	25 U	8.3 U	17 U	12 U	7.1 U	12 U	12 U	12 U	12 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-33	IW-34	IW-34	IW-34
Sample ID:	WG-17303-060507-DR-003	WG-17303-090607-EV-016	GW-17303-120607-DR-026	WG-17303-032708-CB-028	WG-17303-061908-DR-022	WG-17303-092308-DR-034	WG-17303-080905-DR-0852	WG-17303-080905-DR-0853	WG-17303-080905-DR-0854	WG-17303-080905-DR-0855
Sample Date:	06/05/2007	09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/23/2008	08/09/2005	08/09/2005	08/09/2005	08/09/2005
Sample Type:										
Parameter:										
Units										
Tetrachloroethene	mg/L2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Toluene	mg/L2 U	5 U	1.7 U	3.3 U	0.46 J ^d	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
trans-1,2-Dichloroethene	mg/L0.33 J ^{eh}	5 U	1.7 U	3.3 U	2.5 U	1.4 U	0.45 J ^{eh}	0.59 J ^{eh}	0.67 J ^{eh}	0.76 J ^{eh}
trans-1,3-Dichloropropene	mg/L2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 UJ	2.5 U	2.5 U	2.5 U
trans-1,4-Dichloro-2-butene	mg/L-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichlorofluoromethane (CFC-11)	mg/L2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Trifluorotrichloroethane (Freon 113)	mg/L2 U	5 U	1.7 U	3.3 U	2.5 U	1.4 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl chloride	mg/L64 ^{bcd} efhij	110 ^{bcd} efhij	52 ^{bcd} efhij	86 ^{bcd} efhij	72 ^{bcd} efhij	42 ^{bcd} efhij	88 ^{bcd} efhij	90 ^{bcd} efhij	95 ^{bcd} efhij	100 ^{bcd} efhij
Xylenes (total)	mg/L4 U	10 U	3.3 U	6.7 U	5 U	2.9 U	5 U	5 U	5 U	5 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-39 GW-17303-030106-NR-0936 03/01/2006	PAOC 23 IW-39 GW-17303-030106-NR-0937 03/01/2006 Duplicate	PAOC 23 MW-2 MW-2 04/24/1996	PAOC 23 MW-2 MW-2 02/01/1997	PAOC 23 MW-2 MW-2 05/01/1997	PAOC 23 MW-2 MW-2 08/01/1997	PAOC 23 MW-2 MW-2 11/01/1997	PAOC 23 MW-18 MW-18 02/01/1997	PAOC 23 MW-18 MW-18 05/01/1997	PAOC 23 MW-18 MW-18 08/01/1997
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,1-Dichloroethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,1-Dichloroethene	mg/L	1.4 U	1.4 U	0.71 ^{dehi}	-	-	0.15 ^{deh}	0.058 ^{eh}	0.001 U	-	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	7.1 U	7.1 U	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,2-Dichloroethane	mg/L	1.4 U	1.4 U	-	-	-	0.01 U	-	0.001 U	-	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	36 U	36 U	-	-	-	-	-	-	-	-
2-Hexanone	mg/L	71 U	71 U	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	5 ^j ^h	5.1 ^j ^h	-	-	-	-	-	-	-	-
Acetone	mg/L	36 U	36 U	-	-	-	-	-	-	-	-
Benzene	mg/L	1.4 U	1.4 U	-	10 U	0.19 ^{eh}	0.19 ^{eh}	0.11 ^{eh}	0.001 U	0.001 U	0.005 U
Bromodichloromethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Bromoform	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Carbon disulfide	mg/L	7.1 U	7.1 U	-	-	-	-	-	-	-	-
Carbon tetrachloride	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Chlorobenzene	mg/L	1.4 U	1.4 U	-	-	-	0.01 U	-	-	-	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	1 ^j ^{deh}	1 ^j ^{deh}	140 ^{dehij}	62 ^{dehj}	-	13 ^{dehj}	13 ^{dehj}	0.0099	-	0.001 U
cis-1,3-Dichloropropene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Cyclohexane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	1.4 U	1.4 U	-	10 U	0.1 U	0.04 ^d	0.017	0.001 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	7.1 U	7.1 U	-	-	-	-	-	-	-	-
Methyl acetate	mg/L	14 U	14 U	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	7.1 U	7.1 U	-	-	-	-	-	0.01 U	-	-
Methylene chloride	mg/L	7.1 U	7.1 U	-	-	-	-	-	-	-	-
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-	-

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	IW-39	IW-39	MW-2	MW-2	MW-2	MW-2	MW-2	MW-18	MW-18	MW-18
Sample ID:	GW-17303-030106-NR-0936	GW-17303-030106-NR-0937	MW-2	MW-2	MW-2	MW-2	MW-2	MW-18	MW-18	MW-18
Sample Date:	03/01/2006	03/01/2006	04/24/1996	02/01/1997	05/01/1997	08/01/1997	11/01/1997	02/01/1997	05/01/1997	08/01/1997
Sample Type:										
Parameter:		Duplicate								
Units										
Tetrachloroethene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-
Toluene	mg/L	1.7 ^{deh}	1.7 ^{deh}	-	10 U	0.23	0.19	0.094	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	1.4 U	1.4 U	0.95 ^{eh}	10 U	-	0.96 ^{eh}	0.47 ^{eh}	0.001 U	-
trans-1,3-Dichloropropene	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	1.4 U	1.4 U	0.5 U	10 U	-	0.069 ^{eh}	0.034 ^{eh}	0.0019	-
Trichlorofluoromethane (CFC-11)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	1.4 U	1.4 U	-	-	-	-	-	-	-
Vinyl chloride	mg/L	34 ^J	35 ^{bdefhij}	83 ^{bdefhij}	140 ^{bdefhij}	-	44 ^{bdefhij}	49 ^{bdefhij}	0.0079 ^{eh}	-
Xylenes (total)	mg/L	2.9 U	2.9 U	-	10 U	0.24 ^d	0.2 ^d	0.083 ^d	0.0021	0.0021

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 MW18 MW-18 11/01/1997	PAOC 23 MW19-09 GW-17303-120103-DCR-254 12/01/2003	PAOC 23 MW19-09 GW-17303-120103-DCR-255 12/01/2003 Duplicate	PAOC 23 MW19-09 WG-17303-061605-DR-0794 06/16/2005	PAOC 23 MW19-09 WG-17303-061605-DR-0795 06/16/2005 Duplicate	PAOC 23 MW19-09 WG-17303-121305-NR-0907 12/13/2005	PAOC 23 MW19-10 GW-17303-120103-DCR-250 12/01/2003	PAOC 23 MW19-10 WG-17303-061605-DR-0793 06/16/2005	PAOC 23 MW19-25 WG-17303-061605-DR-0796 06/16/2005	PAOC 23 MW19-25 GW-17303-121112-CB-071 12/11/2012
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,1,2-Trichloroethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,1-Dichloroethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,1-Dichloroethene	mg/L	0.001 U	0.2 U	0.2 U	0.065 j ^{eh}	0.064 j ^{eh}	0.034 j ^{eh}	3.3 U	3.3 U	0.071 U	0.014 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	1 U	1 U	1 U	1 U	1.3 U	17 U	17 U	0.36 U	0.014 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,2-Dichlorobenzene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,2-Dichloroethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	5 U	5 U	5 U	5 U	6.3 U	83 U	83 U	1.8 U	0.14 U
2-Hexanone	mg/L	-	10 U	10 U	10 U	10 U	13 U	170 U	170 U	3.6 U	0.14 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	10 U	10 U	10 U	10 U	13 U	170 U	170 U	3.6 U	0.14 U
Acetone	mg/L	-	5 U	5 U	3 j ^{deh}	3.4 j ^{deh}	6.3 U	83 U	56 j ^{dehj}	1.3 j ^h	0.14 U
Benzene	mg/L	0.005 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Bromodichloromethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Bromoform	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Bromomethane (Methyl bromide)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Carbon disulfide	mg/L	-	1 U	1 U	1 U	1 U	1.3 U	17 U	17 U	0.36 U	0.071 U
Carbon tetrachloride	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Chlorobenzene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Chloroform (Trichloromethane)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Chloromethane (Methyl chloride)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
cis-1,2-Dichloroethene	mg/L	0.001 U	6.7 ^{deh}	6.6 ^{deh}	5.9 ^{deh}	5.5 ^{deh}	4.3 ^{deh}	90 ^{dehj}	78 ^{dehj}	0.65 ^{deh}	0.052
cis-1,3-Dichloropropene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Cyclohexane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Dibromochloromethane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	-	1 U	1 U	1 U	1 U	1.3 U	17 U	17 U	0.36 U	0.014 U
Methyl acetate	mg/L	-	2 U	2 U	2 U	2 U	2.5 U	33 U	33 U	0.71 U	0.14 U
Methyl cyclohexane	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Methyl tert butyl ether (MTBE)	mg/L	-	1 U	1 U	1 U	1 U	1.3 U	17 U	17 U	0.36 U	0.071 U
Methylene chloride	mg/L	-	1 U	1 U	0.076 j ^{eh}	0.091 j ^{eh}	1.3 U	17 U	1.1 j ^{eh}	0.017 j ^{eh}	0.071 U
m-Xylene	mg/L	-	-	-	-	-	0.5 U	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	0.25 U	-	-	-	-
Styrene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	MW-18	MW19-09	MW19-09	MW19-09	MW19-09	MW19-09	MW19-09	MW19-10	MW19-10	MW19-25	MW19-25
Sample ID:	MW-18	GW-17303-120103-DCR-254	GW-17303-120103-DCR-255	WG-17303-061605-DR-0794	WG-17303-061605-DR-0795	WG-17303-121305-NR-0907	GW-17303-120103-DCR-250	WG-17303-061605-DR-0793	WG-17303-061605-DR-0796	GW-17303-121112-CB-071	GW-17303-121112-CB-071
Sample Date:	11/01/1997	12/01/2003	12/01/2003	06/16/2005	06/16/2005	12/13/2005	12/01/2003	06/16/2005	06/16/2005	12/11/2012	12/11/2012
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Toluene	mg/L	0.001 U	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.37 ^{eh}	0.37 ^{eh}	0.24 ^{eh}	0.22 ^{eh}	0.17 ^j ^{eh}	4.6 ^{deh}	1.4 ^j ^{eh}	0.071 U	0.0057 J
trans-1,3-Dichloropropene	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	3.6 ^{dehj}	3.6 ^{dehj}	4.3 ^{dehj}	4.3 ^{dehj}	4.6 ^{dehj}	22 ^{dehij}	9.9 ^{dehj}	2.3 ^{deh}	0.52 ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.2 U	0.2 U	0.2 U	0.2 U	0.25 U	3.3 U	3.3 U	0.071 U	0.014 U
Vinyl chloride	mg/L	0.001 U	4.3 ^{cdehi}	4.2 ^{cdehi}	7 ^{cdehi}	5.7 ^{cdehi}	2.4 ^{cdehi}	6.2 ^{cdehi}	6.9 ^{cdehi}	0.071 U	0.059 ^{deh}
Xylenes (total)	mg/L	0.003 U	0.4 U	0.4 U	0.4 U	0.4 U	0.75 U	6.7 U	1.5 ^j ^{dehj}	0.14 U	0.029 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
		PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-2	PZ-2	PZ-2A
		GW-11905-101400-BW-038	1905-111000-B'	GW-11905-011201-BN-046	GW-11905-021201-EH-049	GW-11905-032101-BN-052	GW-11905-041701-EH-056	GW-17303-052401-EH-060	GW-11905-101400-BW-039	GW-11905-032101-BN-053	GW-11905-011201-BN-048	GW-11905-021201-EH-050
		10/14/2000	11/10/2000	01/12/2001	02/12/2001	03/21/2001	04/17/2001	05/24/2001	10/14/2000	03/21/2001	01/12/2001	02/12/2001
VOCs												
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.003	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.013 ^{eh}	0.001 U	0.001 J	0.002	0.001 U	0.002	0.001 U	0.007 ^{eh}	0.005	0.001 U	0.002
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.65 ^{dehi}	0.37 ^{dehi}	0.16 ^{deh}	0.18 ^{deh}	0.094 ^{eh}	0.24 ^{dehi}	0.049 ^{eh}	0.82 ^{dehi}	0.41 ^{Jdehi}	0.27 ^{Jdehi}	0.14 ^{deh}
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.013	0.036 ^d	0.016 J	0.046 ^d	0.057 ^d	0.038 ^d	0.027 ^d	0.022 ^d	0.081 ^{deh}	0.045 ^{Jd}	0.056 ^d
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.002	0.001 U	0.001 J	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.001 U	0.001 U	0.001
1,2-Dichloroethene (total)	mg/L	-	-	19.2 ^J	-	-	-	-	-	-	46.5 ^J	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.003	0.009	0.004 J	0.012	0.016	0.011	0.001 U	0.005	0.025	0.011 J	0.016
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.16	0.05 U	0.24 J	0.05 U	0.054	0.1	0.05 U	0.05 U	0.05 U	0.05 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.058 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetone	mg/L	0.1 U	0.96 ^h	0.3 J	1.2 ^{Jh}	0.15	0.32	0.94 ^{Jh}	0.22	0.12	0.1 U	0.14
Benzene	mg/L	0.088 ^{eh}	0.073 ^{eh}	0.09 ^{Jeh}	0.12 ^{eh}	0.12 ^{eh}	0.13 ^{eh}	0.1 ^{eh}	0.13 ^{eh}	0.074 ^{eh}	0.064 ^{Jeh}	0.089 ^{eh}
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.002	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	56 ^{dehj}	43 ^{dehj}	18 ^{dehj}	20 ^{dehj}	7.3 ^{deh}	18 ^{dehj}	6.2 ^{deh}	72 ^{dehj}	60 ^{dehj}	44 ^{dehj}	28 ^{dehj}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Ethylbenzene	mg/L	0.17 ^{deh}	0.22 ^{Jdeh}	0.12 ^{Jdeh}	0.26 ^{Jdeh}	0.24 ^{Jdeh}	0.21 ^{deh}	0.14 ^{deh}	0.28 ^{Jdeh}	0.37 ^{Jdehj}	0.34 ^{Jdehj}	0.27 ^{Jdeh}
Iodomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.009	0.007	0.001 U	0.008	0.009	0.007	0.006	0.008	0.001 U	0.017 J	0.01
Methyl acetate	mg/L	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/L	0.023 ^{eh}	0.037 ^{eh}	0.005 U	0.008 ^{eh}	0.005 U	0.008 ^{eh}	0.025 ^{eh}	0.019 ^{eh}	0.042 ^{eh}	0.009 ^{Jeh}	0.02 ^{eh}
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.008	0.013 ^d	0.015 ^{Jd}	0.021 ^d	0.049 ^d	0.025 ^d	0.016 ^d	0.01	0.031 ^d	0.025 ^{Jd}	0.014 ^d
N-Propylbenzene	mg/L	0.003	0.005	0.003 J	0.007	0.011	0.007	0.006	0.005	0.016	0.008 J	0.009
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.001 U	0.001 U	0.001	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-1	PZ-2	PZ-2	PZ-2A	PZ-2A	PZ-2A	PZ-2A
Sample ID:	GW-11905-101400-BW-038	1905-111000-B'	GW-11905-011201-BN-046	GW-11905-021201-EH-049	GW-11905-032101-BN-052	GW-11905-041701-EH-056	GW-17303-052401-EH-060	GW-11905-101400-BW-039	GW-11905-032101-BN-053	GW-11905-011201-BN-048	GW-11905-021201-EH-050										
Sample Date:	10/14/2000	11/10/2000	01/12/2001	02/12/2001	03/21/2001	04/17/2001	05/24/2001	10/14/2000	03/21/2001	01/12/2001	02/12/2001										
Sample Type:																					
Parameter:																					
Units																					
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U										
Toluene	mg/L	0.5 U	0.36 J ^d	0.13 J	-	0.19 J	0.16	0.083	0.53 ^d	0.46 J ^d	0.56 J ^d	0.3 J ^d									
trans-1,2-Dichloroethene	mg/L	4.5 ^{deh}	2.6 ^{deh}	1.2 ^{eh}	1.1 ^{eh}	0.62 J ^{eh}	1.4 ^{eh}	0.6 ^{eh}	4.6 ^{deh}	5 ^{deh}	2.5 ^{deh}	2 ^{deh}									
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U									
trans-1,4-Dichloro-2-butene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U									
Trichloroethene	mg/L	66 ^{cdehij}	32 ^{cdehij}	1.9 ^{deh}	2.6 ^{deh}	1.7 ^{deh}	5.7 ^{dehj}	0.9 ^{deh}	24 ^{cdehij}	10 ^{dehj}	12 ^{dehj}	1.7 ^{deh}									
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	-	-	-	-	-	-									
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	-	-	-	-	-	-									
Vinyl chloride	mg/L	8.9 ^{cdehi}	2.6 ^{cdehi}	4.8 ^{cdehi}	3.8 ^{cdehi}	2.9 ^{cdehi}	5.7 ^{cdehi}	3 ^{cdehi}	12 ^{cdehi}	18 ^{cdehij}	160 J ^{bdehij}	7.9 ^{cdehi}									
Xylenes (total)	mg/L	0.32 ^{deh}	0.55 ^{deh}	0.26 J ^d	0.59 ^{deh}	0.47 J ^{deh}	0.52 ^{deh}	0.316 ^{deh}	0.58 ^{deh}	1.47 J ^{dehj}	0.72 J ^{deh}	0.64 J ^{deh}									

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 PZ-2A GW-11905-041701-EH-057 04/17/2001	PAOC 23 PZ-2A GW-17303-052401-EH-061 05/24/2001	PAOC 23 PZ-3 GW-11905-101400-BW-040 10/14/2000	PAOC 23 PZ-3 GW-11905-111000-BW-044 11/10/2000	PAOC 23 PZ-3 GW-11905-111000-BW-045 11/10/2000 Duplicate	PAOC 23 PZ-3 GW-11905-011201-BN-047 01/12/2001	PAOC 23 PZ-3 GW-11905-021201-EH-051 02/12/2001	PAOC 23 PZ-3 GW-11905-032101-BN-054 03/21/2001	PAOC 23 PZ-3 GW-11905-041701-EH-058 04/17/2001	PAOC 23 PZ-3 GW-17303-052401-EH-062 05/24/2001
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.006 ^{eh}	0.004	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	1 ^{dehi}	0.85 ^j dehi	1.1 ^{dehi}	1 U	1 U	1.1 ^j dehi	1.3 ^j dehi	0.86 ^j dehi	0.93 ^j dehi	0.84 ^j dehi
1,2,3-Trichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.081 ^{deh}	0.069 ^{deh}	0.029 ^d	0.084 ^{deh}	0.087 ^{deh}	0.058 ^j d	0.054 ^d	0.12 ^{deh}	0.16 ^{deh}	0.22 ^j deh
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.002	0.002	0.002	0.001 U	0.001 U	0.003 J	0.003	0.005	0.004	0.003
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	134.5 ^j	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.024	0.019	0.007	0.021	0.022	0.014 J	0.014	0.037	0.048 ^d	0.06 ^d
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.075	0.08	0.05 U	0.05 U	0.067	0.067	0.05 U
Acetone	mg/L	0.19	0.39	0.14	0.1 U	0.1 U	0.41 J	0.92 ^h	0.29	0.53	0.19
Benzene	mg/L	0.085 ^{eh}	0.1 ^{eh}	0.18 ^{eh}	0.13 ^{eh}	0.13 ^{eh}	0.1 ^{eh}	0.084 ^{eh}	0.11 ^{eh}	0.15 ^{eh}	0.12 ^{eh}
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001	0.002
Chlorobromomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.096	0.001 U
cis-1,2-Dichloroethene	mg/L	130 ^{dehij}	92 ^{dehj}	100 ^{dehij}	130 ^{dehij}	160 ^{dehij}	130 ^{dehij}	110 ^{dehij}	98 ^{dehij}	100 ^{dehij}	150 ^{dehij}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	0.005 U	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethyl ether	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Ethylbenzene	mg/L	0.45 ^j dehj	0.28 ^j deh	0.2 ^{deh}	0.61 ^j dehj	0.6 ^j dehj	0.5 ^j dehj	0.36 ^j dehj	0.63 ^j dehj	0.94 ^j dehj	0.84 ^j dehj
Iodomethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.014	0.011	0.009	0.015	0.015	0.014 J	0.009	0.023	0.029 ^d	0.032 ^d
Methyl acetate	mg/L	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	-	-	-	-	-
Methylene chloride	mg/L	0.009 ^{eh}	0.005 U	0.008 ^{eh}	0.005 U	0.012 ^{eh}	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.024 ^d	0.026 ^d	0.011	0.02 ^d	0.024 ^d	0.054 ^j d	0.02 ^d	0.048 ^d	0.072 ^d	0.092 ^d
N-Propylbenzene	mg/L	0.013	0.011	0.005	0.01	0.011	0.009 J	0.008	0.02	0.024	0.03
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.005	0.006	0.006

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:	PZ-2A	PZ-2A	PZ-3	PZ-3	PZ-3	PZ-3	PZ-3	PZ-3	PZ-3	PZ-3	PZ-3
Sample ID:	GW-11905-041701-EH-057	GW-17303-052401-EH-061	GW-11905-101400-BW-040	GW-11905-111000-BW-044	GW-11905-111000-BW-045	GW-11905-011201-BN-047	GW-11905-021201-EH-051	GW-11905-032101-BN-054	GW-11905-041701-EH-058	GW-17303-052401-EH-062	
Sample Date:	04/17/2001	05/24/2001	10/14/2000	11/10/2000	11/10/2000	01/12/2001	02/12/2001	03/21/2001	04/17/2001	05/24/2001	
Sample Type:											
Parameter:											
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.44 J ^d	0.36 J ^d	0.67 ^d	0.89 J ^d deh	1 U	1 U	0.37 J ^d	0.65 J ^d	0.73 J ^d	0.78 J ^d
trans-1,2-Dichloroethene	mg/L	8.7 ^d deh	6.9 ^d deh	4.9 ^d deh	5.5 ^d deh	5.8 ^d deh	4.5 ^d deh	3.6 ^d deh	3.4 ^d deh	3.9 ^d deh	5.3 ^d deh
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Trichloroethene	mg/L	10 ^d dehj	2.2 ^d deh	34 J ^d dehij	23 ^d dehij	23 ^d dehij	17 J ^d dehij	1 J ^d deh	0.033 ^{eh}	0.037 ^{eh}	0.024 ^{eh}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	mg/L	28 ^d efhij	14 ^d efghi	20 ^d efhij	18 ^d efhij	20 ^d efhij	43 J ^d bcdhij	8.9 ^d cehi	21 ^d efhij	24 ^d efhij	24 ^d efhij
Xylenes (total)	mg/L	1.1 J ^d dehj	0.98 J ^d dehj	0.58 ^d deh	1.78 ^d dehj	1.67 ^d dehj	3 U	1.1 ^d dehj	2.2 J ^d dehj	2.5 J ^d dehj	3 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 BH10-99 W-1190511-111899-SN-017 11/18/1999	PAOC 29 BH11-99 W-1190511-111899-SN-016 11/18/1999	PAOC 29 GP-7 GP-7 04/19/1996	PAOC 29 GS-1 GW-17303-031303-BL-178 03/13/2003	PAOC 29 GS-1 GW-17303-031303-BL-179 03/13/2003 Duplicate	PAOC 29 GS-1 GW-17303-012904-MM-288 01/29/2004	PAOC 29 GS-2 GW-17303-031303-BL-180 03/13/2003	PAOC 29 GS-2 GW-17303-012804-MM-283 01/28/2004	PAOC 29 GS-3 GW-17303-040303-Kh-185 04/03/2003	PAOC 29 GS-3 17303-062703-HH-GS3-211 06/27/2003
	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	0.001 U	0.001 U	-	0.001 U	-	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.01 U	0.005 U	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.01 U	0.005 U	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	-	-	0.001	0.001	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.01 U	0.005 U	0.25 U	0.004	0.004	1.7 U	0.022 ^{eh}	0.83 U	0.001 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	0.001 U	0.001 U	-	0.001 U	-	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	-	-	0.001 U	0.001 U	8.3 U	0.001 U	4.2 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.005 U	0.005 U	-	0.001 U	0.001 U	-	0.001 U	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	1.7 U	-	0.83 U	-	-
1,2-Dichlorobenzene	mg/L	0.01 U	0.005 U	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	-	-	0.002	0.002	1.7 U	0.001	0.83 U	0.001 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.01 U	0.005 U	-	0.001 U	0.001 U	-	0.001 U	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.01 U	0.005 U	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.01 U	0.005 U	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.5 U	0.25 U	-	0.025 U	0.025 U	42 U	0.025 U	21 U	0.025 U	0.025 U
2-Hexanone	mg/L	-	-	-	0.05 U	0.05 U	83 U	0.05 U	42 U	0.05 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	0.05 U	0.05 U	83 U	0.05 U	42 U	0.05 U	0.05 U
Acetone	mg/L	-	-	-	0.025 U	0.025 U	1.2 ^h	0.025 U	21 U	0.025 U	0.025 U
Benzene	mg/L	0.0423 ^{eh}	0.0734 ^{eh}	-	0.17 ^{eh}	0.17 ^{eh}	1.7 U	0.078 ^{eh}	0.83 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Bromoform	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Carbon disulfide	mg/L	-	-	-	0.005 U	0.005 U	8.3 U	0.005 U	4.2 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	0.001 U	0.001 U	-	0.001 U	-	0.001 U	0.001 U
Chloroethane	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	2.04 ^{deh}	0.803 ^{deh}	18 ^{dehj}	3.7 ^{deh}	8.2 ^{deh}	1.6 ^{J deh}	8.2 ^{deh}	6.9 ^{deh}	0.014	0.003
cis-1,3-Dichloropropene	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	-	-	-	1.7 U	-	0.83 U	-	-
Dibromochloromethane	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	0.001 U	0.001 U	-	0.001 U	-	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Ethyl ether	mg/L	-	-	-	0.02 U	0.02 U	-	0.02 U	-	0.02 U	0.02 U
Ethylbenzene	mg/L	0.01 U	0.005 U	-	0.002	0.002	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Iodomethane	mg/L	-	-	-	0.01 U	0.01 U	-	0.01 U	-	0.01 U	0.01 U
Isopropyl benzene	mg/L	-	-	-	0.005 U	0.005 U	8.3 U	0.005 U	4.2 U	0.005 U	0.005 U
Methyl acetate	mg/L	-	-	-	-	-	17 U	-	8.3 U	-	-
Methyl cyclohexane	mg/L	-	-	-	-	-	1.7 U	-	0.83 U	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	8.3 U	-	4.2 U	-	-
Methylene chloride	mg/L	-	-	-	0.005 U	0.005 U	8.3 U	0.005 U	0.53 ^{J eh}	0.005 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.05 U	0.025 U	-	0.005 U	0.005 U	-	0.005 U	-	0.005 U	0.005 U
N-Propylbenzene	mg/L	0.01 U	0.005 U	-	0.005 U	0.005 U	-	0.005 U	-	0.005 U	0.005 U
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:	BH10-99	BH11-99	GP-7	GS-1	GS-1	GS-1	GS-2	GS-2	GS-3	GS-3
Sample ID:	W-1190511-111899-SN-017	W-1190511-111899-SN-016	GP-7	GW-17303-031303-BL-178	GW-17303-031303-BL-179	GW-17303-012904-MM-288	GW-17303-031303-BL-180	GW-17303-012804-MM-283	GW-17303-040303-Kh-185	17303-062703-HH-GS3-211
Sample Date:	11/18/1999	11/18/1999	04/19/1996	03/13/2003	03/13/2003	01/29/2004	03/13/2003	01/28/2004	04/03/2003	06/27/2003
Sample Type:					Duplicate					
Parameter:										
Units										
Tetrachloroethene	mg/L	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U	0.001 U
Toluene	mg/L	0.01 U	0.0322	-	0.11	0.11	1.7 U	0.014	0.83 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.117 ^{eh}	0.0369	0.4 ^{eh}	0.11 ^{eh}	0.11 ^{eh}	1.7 U	0.27 J ^{eh}	0.24 J ^{eh}	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	-	0.001 U	0.001 U	1.7 U	0.001 U	0.83 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	0.05 U	0.05 U	-	0.05 U	-	0.05 U
Trichloroethene	mg/L	0.0473 ^{eh}	0.005 U	0.25 U	0.022 ^{eh}	0.021 ^{eh}	1.7 U	0.002	0.83 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	1.7 U	-	0.83 U	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	1.7 U	-	0.83 U	-
Vinyl chloride	mg/L	20.7 ^{cdefhij}	13.2 ^{cdefhi}	16 ^{cdefhi}	51 ^{bcd efhij}	44 ^{bcd efhij}	44 ^{bcd efhij}	34 ^{bcd efhij}	19 ^{cdefhij}	0.033 ^{deh}
Xylenes (total)	mg/L	0.015 U	0.015 U	-	0.003 U	0.003 U	3.3 U	0.003 U	1.7 U	0.003 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 29 GS-3 GW-17303-120203-DCR-260 12/02/2003	PAOC 29 GS-3 GW-17303-040104-DCR-310 04/01/2004	PAOC 29 GS-3 GW-17303-070104-DR-377 07/01/2004	PAOC 29 GS-3 GW-17303-092304-DCR-644 09/23/2004	PAOC 29 GS-3 GW-17303-121004-DCR-663 12/10/2004	PAOC 29 GS-3 GW-17303-031105-DR-695 03/11/2005	PAOC 29 GS-3 WG-17303-062305-DR-0829 06/23/2005	PAOC 29 GS-3 WG-17303-100605-AB-0895 10/06/2005	PAOC 29 GS-3 WG-17303-121405-AB-0915 12/14/2005	PAOC 29 GS-3 WG-17303-031006-EV-0950 03/10/2006
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.00076 J	0.13 U	0.05 U	0.0014 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.25 U	0.33 U	0.077 U	0.25 U	0.005 U	0.63 U	0.25 U	0.0072 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.00011 J	0.13 U	0.05 U	0.0014 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	1.2 U	1.7 U	0.38 U	1.3 U	0.025 U	3.1 U	1.3 U	0.00084 J
2-Hexanone	mg/L	0.05 U	0.05 U	2.5 U	3.3 U	0.77 U	2.5 U	0.05 U	6.3 U	2.5 U	0.072 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	2.5 U	3.3 U	0.77 U	2.5 U	0.05 U	6.3 U	2.5 U	0.072 UJ
Acetone	mg/L	0.025 U	0.025 U	0.053 J	1.7 U	0.38 U	1.3 U	0.025 U	0.6 J	1.3 U	0.036 U
Benzene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.0059 ^{eh}	0.13 U	0.05 U	0.00041 J
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 UJ
Bromoform	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 UJ	0.001 U	0.13 U	0.05 U	0.0014 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.25 U	0.33 U	0.077 U	0.25 U	0.00039 J	0.63 U	0.25 U	0.0072 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.00028 J	0.13 U	0.05 U	0.0014 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
cis-1,2-Dichloroethene	mg/L	0.0025	0.00066 J	0.13 ^{eh}	0.19 ^{eh}	0.081 ^{eh}	0.068	0.18 ^{eh}	0.14 ^{eh}	0.16 ^{eh}	0.0092 J
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 UJ	0.05 U	0.0014 UJ
Cyclohexane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.00061 J	0.13 U	0.05 U	0.0014 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.25 U	0.33 U	0.077 U	0.25 U	0.005 U	0.63 U	0.25 U	0.0072 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.5 U	0.67 U	0.15 U	0.5 U	0.01 U	1.3 UJ	0.5 U	0.014 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.25 U	0.33 U	0.077 U	0.25 U	0.005 U	0.63 U	0.25 U	0.0072 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.25 U	0.33 U	0.077 U	0.25 U	0.005 U	0.017 J ^{eh}	0.25 U	0.0072 U
m-Xylene	mg/L	-	-	-	-	-	0.1 U	0.002 U	0.25 U	0.1 U	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	0.05 U	0.00022 J	0.13 U	0.05 U	-
Styrene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 UJ

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3
Sample ID:		GW-17303-120203-DCR-260	GW-17303-040104-DCR-310	GW-17303-070104-DR-377	GW-17303-092304-DCR-644	GW-17303-121004-DCR-663	GW-17303-031105-DR-695	WG-17303-062305-DR-0829	WG-17303-100605-AB-0895	WG-17303-121405-AB-0915	WG-17303-031006-EV-0950
Sample Date:		12/02/2003	04/01/2004	07/01/2004	09/23/2004	12/10/2004	03/11/2005	06/23/2005	10/06/2005	12/14/2005	03/10/2006
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Toluene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
trans-1,2-Dichloroethene	mg/L	0.00033 J	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.0088	0.13 U	0.006 J	0.0003 J
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 UJ	0.05 U	0.0014 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.00069 J	0.13 U	0.05 U	0.0014 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.05 U	0.067 U	0.015 U	0.05 U	0.001 U	0.13 U	0.05 U	0.0014 U
Vinyl chloride	mg/L	0.013 ^{ch}	0.0018	1.2 ^{cdehi}	1.5 ^{cdehi}	0.45 ^{deh}	0.58 ^{deh}	2.4 ^{cdehi}	2 ^{cdehi}	1.2 ^{cdehi}	0.037 ^{deh}
Xylenes (total)	mg/L	0.002 U	0.002 U	0.1 U	0.13 U	0.031 U	0.15 U	0.00022 J	0.38 U	0.15 U	0.0029 UJ

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3
Sample ID:		WG-17303-062706-EV-001	WG-17303-100306-EV-037	WG-17303-120506-LA-006	WG-17303-030707-DR-002	WG-17303-060607-EV-023	WG-17303-090707-EV-031	WG-17303-120707-DR-033	WG-17303-032708-CB-023	WG-17303-061908-CB-026
Sample Date:		06/27/2006	10/03/2006	12/05/2006	03/07/2007	06/06/2007	09/07/2007	12/07/2007	03/27/2008	06/19/2008
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,1,2,2-Tetrachloroethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 UJ	0.012 U	0.01 U	0.001 U	0.02 U
1,1,2-Trichloroethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,1-Dichloroethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,1-Dichloroethene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.17 U	0.005 U	0.11 U	0.14 U	0.1 U	0.062 U	0.05 U	0.005 U	0.1 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	0.02 U	0.012 U	0.01 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,2-Dichlorobenzene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,2-Dichloroethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	0.02 U	0.012 U	0.01 U	-	-
1,3-Dichlorobenzene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.83 U	0.025 U	0.56 U	0.71 U	0.5 U	0.31 U	0.25 U	0.025 U	0.5 U
2-Hexanone	mg/L	1.7 U	0.05 U	1.1 U	1.4 U	1 U	0.62 U	0.5 U	0.05 U	1 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1.7 U	0.05 U	1.1 U	1.4 U	1 UJ	0.62 U	0.5 U	0.05 U	1 U
Acetone	mg/L	0.83 U	0.025 U	0.56 U	0.71 U	0.5 U	0.31 U	0.25 U	0.025 U	0.5 U
Benzene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.0051 J ^{eh}	0.0046 J	0.0035 J	0.001 U	0.02 U
Bromodichloromethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Bromoform	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Bromomethane (Methyl bromide)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Carbon disulfide	mg/L	0.17 U	0.005 U	0.11 U	0.14 U	0.1 U	0.062 U	0.05 U	0.005 U	0.1 U
Carbon tetrachloride	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Chlorobenzene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 UJ	0.02 U
Chloroform (Trichloromethane)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Chloromethane (Methyl chloride)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
cis-1,2-Dichloroethene	mg/L	0.096 ^{eh}	0.001 U	0.058	0.064	0.067	0.049	0.034	0.0046	0.048
cis-1,3-Dichloropropene	mg/L	0.033 UJ	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 UJ
Cyclohexane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Dibromochloromethane	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 UJ
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.17 U	0.005 U	0.11 U	0.14 U	0.1 U	0.062 U	0.05 U	0.005 U	0.1 U
Methyl acetate	mg/L	0.33 U	0.01 U	0.22 U	0.29 U	0.2 U	0.12 U	0.1 U	0.01 U	0.2 U
Methyl cyclohexane	mg/L	0.033 UJ	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Methyl tert butyl ether (MTBE)	mg/L	0.17 U	0.005 U	0.11 U	0.14 U	0.1 U	0.062 U	0.05 U	0.005 U	0.1 U
Methylene chloride	mg/L	0.17 U	0.005 U	0.11 U	0.14 U	0.1 U	0.062 U	0.05 U	0.005 U	0.1 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3
Sample ID:	WG-17303-062706-EV-001	WG-17303-100306-EV-037	WG-17303-120506-LA-006	WG-17303-030707-DR-002	WG-17303-060607-EV-023	WG-17303-090707-EV-031	WG-17303-120707-DR-033	WG-17303-032708-CB-023	WG-17303-061908-CB-026	WG-17303-092508-DR-048
Sample Date:	06/27/2006	10/03/2006	12/05/2006	03/07/2007	06/06/2007	09/07/2007	12/07/2007	03/27/2008	06/19/2008	09/25/2008
Sample Type:										
Parameter:	Units									
Tetrachloroethene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Toluene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
trans-1,2-Dichloroethene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
trans-1,3-Dichloropropene	mg/L	0.033 UJ	0.001 UJ	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Trichlorofluoromethane (CFC-11)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.033 U	0.001 U	0.022 U	0.029 U	0.02 U	0.012 U	0.01 U	0.001 U	0.02 U
Vinyl chloride	mg/L	0.99 ^{deh}	0.0011	0.63 ^{deh}	0.62 ^{deh}	0.61 ^{deh}	0.46 ^{deh}	0.3 ^{deh}	0.025 ^{deh}	0.51 ^{deh}
Xylenes (total)	mg/L	0.067 U	0.002 U	0.044 U	0.057 U	0.04 U	0.025 U	0.02 U	0.002 U	0.04 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-3 WG-17303-121008-CB-070 12/10/2008	PAOC 29 GS-3 WG-17303-032709-LS-096 03/27/2009	PAOC 29 GS-3 WG-17303-041310-CB-011 04/13/2010	PAOC 29 GS-3 WG-17303-102610-DR-020 10/26/2010	PAOC 29 GS-4 GW-17303-040303-Kh-184 04/03/2003	PAOC 29 GS-4 17303-062703-HH-GS4-212 06/27/2003	PAOC 29 GS-4 GW-17303-120203-DCR-261 12/02/2003	PAOC 29 GS-4 GW-17303-120203-DCR-262 12/02/2003 Duplicate	PAOC 29 GS-4 GW-17303-040104-DCR-309 04/01/2004	PAOC 29 GS-4 7303-070104-D 07/01/2004	PAOC 29 GS-4 GW-17303-092304-DCR-645 09/23/2004
VOCs	Units											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,1-Dichloroethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,1-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.012 U	0.012 U	0.005 U	0.005 U	0.001 U	0.001 U	0.005 U	0.005 U	0.05 U	0.036 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,2-Dichloroethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.062 U	0.062 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25 U	0.18 U	0.025 U
2-Hexanone	mg/L	0.12 U	0.12 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.36 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.12 U	0.12 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	0.36 U	0.05 U
Acetone	mg/L	0.062 U	0.062 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.25 U	0.18 U	0.025 U
Benzene	mg/L	0.0025 U	0.0076 th	0.00076 J	0.00079 J	0.001 U	0.001	0.0018	0.0015	0.0031 J	0.0027 J	0.0013 U
Bromodichloromethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Bromoform	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Carbon disulfide	mg/L	0.012 U	0.012 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.036 U	0.00048 J
Carbon tetrachloride	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Chlorobenzene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-	-
Chloroethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0062	0.01	0.0023	0.0028	0.001 U	0.002	0.001 U	0.001 U	0.01 U	0.0019 J	0.001 U
cis-1,3-Dichloropropene	mg/L	0.0025 UJ	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Cyclohexane	mg/L	0.0025 U	0.0011 J	0.0006 J	0.001 U	-	-	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Dibromochloromethane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	0.001 U	0.001 U	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.0025 UJ	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Ethyl ether	mg/L	-	-	-	-	0.02 U	0.02 U	-	-	-	-	-
Ethylbenzene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Iodomethane	mg/L	-	-	-	-	0.01 U	0.01 U	-	-	-	-	-
Isopropyl benzene	mg/L	0.012 U	0.012 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.036 U	0.005 U
Methyl acetate	mg/L	0.025 U	0.025 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U	0.1 U	0.071 U	0.01 U
Methyl cyclohexane	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.012 U	0.00054 J	0.005 U	0.005 U	-	-	0.005 U	0.005 U	0.05 U	0.036 U	0.005 U
Methylene chloride	mg/L	0.012 U	0.012 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	0.036 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	0.005 U	0.005 U	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	0.005 U	0.005 U	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	
Sample Location:	GS-3	GS-3	GS-3	GS-3	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	
Sample ID:	WG-17303-121008-CB-070	WG-17303-032709-LS-096	WG-17303-041310-CB-011	WG-17303-102610-DR-020	GW-17303-040303-Kh-184	17303-062703-HH-GS4-212	GW-17303-120203-DCR-261	GW-17303-120203-DCR-262	GW-17303-040104-DCR-309	7303-070104-D	GW-17303-092304-DCR-645	
Sample Date:	12/10/2008	03/27/2009	04/13/2010	10/26/2010	04/03/2003	06/27/2003	12/02/2003	12/02/2003	04/01/2004	07/01/2004	09/23/2004	
Sample Type:												
Parameter:												
	Units											
Tetrachloroethene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Toluene	mg/L	0.0025 U	0.0018 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.00031 J
trans-1,2-Dichloroethene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	0.05 U	0.05 U	-	-	-	-	-
Trichloroethene	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.0025 U	0.0025 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.01 U	0.0071 U	0.001 U
Vinyl chloride	mg/L	0.061 ^{deh}	0.09 ^{deh}	0.034 ^{deh}	0.017 ^{deh}	0.11 ^{deh}	0.25 ^{deh}	0.011 ^{eh}	0.01 ^{eh}	0.36 ^{deh}	0.15 ^{deh}	0.0058 ^{eh}
Xylenes (total)	mg/L	0.005 U	0.005 U	0.002 U	0.002 U	0.003 U	0.003 U	0.002 U	0.002 U	0.02 U	0.014 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
		GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4
		GW-17303-121004-DCR-664	GW-17303-041305-DR-697	WG-17303-062305-DR-0830	WG-17303-100605-AB-0899	WG-17303-121405-NR-0916	WG-17303-031006-EV-0951	GW-17303-062806-EV-003	WG-17303-100306-EV-036	WG-17303-120506-LA-007	WG-17303-030707-DR-001
		12/10/2004	04/13/2005	06/23/2005	10/06/2005	12/14/2005	03/10/2006	06/28/2006	10/03/2006	12/05/2006	03/07/2007
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ	0.1 U	0.005 U	0.025 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.00072 J	0.025 U	0.5 U	0.025 U	0.12 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	0.05 U	0.25 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 UJ	0.05 U	1 U	0.05 U	0.25 U
Acetone	mg/L	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.5 U	0.025 U	0.12 U
Benzene	mg/L	0.0014 U	0.0016	0.0022	0.00065 J	0.001 U	0.00048 J	0.001 U	0.02 U	0.00044 J	0.005 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.02 U	0.001 U	0.005 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.0001 J	0.005 U	0.005 U	0.005 UJ	0.005 UJ	0.1 U	0.005 U	0.025 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.00012 J	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
cis-1,2-Dichloroethene	mg/L	0.00027 J	0.00095 J	0.00047 J	0.001 U	0.0014	0.001 UJ	0.001 U	0.07	0.001 U	0.005 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U	0.02 U	0.001 U	0.005 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.2 U	0.01 U	0.05 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.1 U	0.005 U	0.025 U
m-Xylene	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ	0.02 U	0.001 U	0.005 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4
Sample ID:	GW-17303-121004-DCR-664	GW-17303-041305-DR-697	WG-17303-062305-DR-0830	WG-17303-100605-AB-0899	WG-17303-121405-NR-0916	WG-17303-031006-EV-0951	GW-17303-062806-EV-003	WG-17303-100306-EV-036	WG-17303-120506-LA-007	WG-17303-030707-DR-001
Sample Date:	12/10/2004	04/13/2005	06/23/2005	10/06/2005	12/14/2005	03/10/2006	06/28/2006	10/03/2006	12/05/2006	03/07/2007
Sample Type:										
Parameter:										
	Units									
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 UJ	0.001 U	0.005 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.00011 J	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	0.005 U
Vinyl chloride	mg/L	0.014 ^{deh}	0.27 ^{Jdeh}	0.14 ^{deh}	0.001 U	0.0028 ^{eh}	0.017 ^{deh}	0.001 U	0.8 ^{deh}	0.0033 ^{eh}
Xylenes (total)	mg/L	0.002 U	0.003 U	0.003 U	0.003 U	0.003 U	0.002 UJ	0.002 U	0.04 U	0.002 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-4 WG-17303-060607-EV-022 06/06/2007	PAOC 29 GS-4 WG-17303-090707-DR-032 09/07/2007	PAOC 29 GS-4 WG-17303-120707-DR-034 12/07/2007	PAOC 29 GS-4 WG-17303-032608-MC-024 03/26/2008	PAOC 29 GS-4 WG-17303-061908-CB-025 06/19/2008	PAOC 29 GS-4 WG-17303-092408-CB-049 09/24/2008	PAOC 29 GS-4 WG-17303-092408-CB-071 12/10/2008	PAOC 29 GS-4 WG-17303-032709-CB-097 03/27/2009	PAOC 29 GS-4 WG-17303-041310-CB-004 04/13/2010	PAOC 29 GS-4 WG-17303-102510-DR-018 10/25/2010
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.0067 UJ	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 UJ	0.001 U	0.0017 U	0.002 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,1-Dichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,1-Dichloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.033 U	0.005 U	0.005 U	0.0084 U	0.025 U	0.005 U	0.005 U	0.0084 U	0.01 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.0067 U	0.001 U	0.001 U	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,2-Dichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.0067 U	0.001 U	0.001 U	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.17 U	0.025 U	0.025 U	0.042 U	0.12 U	0.025 U	0.025 U	0.042 U	0.05 U	0.025 U
2-Hexanone	mg/L	0.33 U	0.05 U	0.05 U	0.084 U	0.25 U	0.05 U	0.05 U	0.084 U	0.1 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.33 UJ	0.05 U	0.05 U	0.084 U	0.25 U	0.05 U	0.05 U	0.084 U	0.1 U	0.05 U
Acetone	mg/L	0.17 U	0.025 U	0.025 U	0.042 U	0.12 U	0.025 U	0.025 U	0.049 J	0.05 U	0.025 U
Benzene	mg/L	0.0017 J	0.00049 J	0.001 U	0.0017 U	0.005 U	0.001 U	0.00033 J	0.00086 J	0.0012 J	0.00055 J
Bromodichloromethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U	0.001 U
Bromoform	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 UJ	0.001 U
Carbon disulfide	mg/L	0.033 U	0.00053 J	0.005 U	0.0084 U	0.025 U	0.005 U	0.005 U	0.0084 U	0.01 U	0.005 U
Carbon tetrachloride	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U	0.001 U
Chlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0024 J	0.00022 J	0.001 U	0.0017 U	0.005 U	0.0023	0.001 U	0.0017 U	0.002 U	0.0004 J
cis-1,3-Dichloropropene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U	0.001 U
Cyclohexane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
Dibromochloromethane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 UJ	0.001 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 UJ	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.033 U	0.005 U	0.005 U	0.0084 U	0.025 U	0.005 U	0.005 U	0.0084 U	0.01 U	0.005 U
Methyl acetate	mg/L	0.067 U	0.01 U	0.01 U	0.017 U	0.05 U	0.01 U	0.01 U	0.017 U	0.02 U	0.01 U
Methyl cyclohexane	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.033 U	0.005 U	0.005 U	0.0084 U	0.025 U	0.005 U	0.005 U	0.0084 U	0.01 U	0.005 U
Methylene chloride	mg/L	0.033 U	0.005 U	0.005 U	0.0084 U	0.025 U	0.005 U	0.005 U	0.0084 U	0.01 U	0.005 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U	0.001 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4
Sample ID:		WG-17303-060607-EV-022	WG-17303-090707-DR-032	WG-17303-120707-DR-034	WG-17303-032608-MC-024	WG-17303-061908-CB-025	WG-17303-092408-CB-049	WG-17303-121008-CB-071	WG-17303-032709-CB-097	WG-17303-041310-CB-004
Sample Date:		06/06/2007	09/07/2007	12/07/2007	03/26/2008	06/19/2008	09/24/2008	12/10/2008	03/27/2009	04/13/2010
Sample Type:										
Parameter:	Units									
Tetrachloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 UJ	0.0017 U	0.002 U
Toluene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U
trans-1,2-Dichloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U
trans-1,3-Dichloropropene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 UJ	0.001 UJ	0.0017 U	0.002 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U
Trichlorofluoromethane (CFC-11)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.0067 U	0.001 U	0.001 U	0.0017 U	0.005 U	0.001 U	0.001 U	0.0017 U	0.002 U
Vinyl chloride	mg/L	0.2 ^{deh}	0.0065 ^{eh}	0.002	0.039 ^{deh}	0.12 ^{deh}	0.0038 ^{eh}	0.0023 ^{eh}	0.037 ^{deh}	0.06 ^{deh}
Xylenes (total)	mg/L	0.013 U	0.002 U	0.002 U	0.0033 U	0.01 UJ	0.002 U	0.002 U	0.0033 U	0.004 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:	MW-3	MW-3	MW-3	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12
Sample ID:	MW-3	0507-090399-S7303-112602-M	7303-112602-M	GW-17303-120103-DCR-252	WG-17303-030906-LA-0964	WG-17303-030906-LA-0966	WG-17303-063006-EV-016	WG-17303-063006-EV-017	WG-17303-100306-EV-040	17303-120506-J	WG-17303-030707-DR-003	WG-17303-060607-DR-021		
Sample Date:	04/24/1996	09/03/1999	11/26/2002	12/01/2003	03/09/2006	03/09/2006	06/30/2006	06/30/2006	10/03/2006	12/05/2006	03/07/2007	06/06/2007		
Sample Type:														
Parameter:	Units													
VOCs														
1,1,1,2-Tetrachloroethane	mg/L	-	-	0.001 U	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	J
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,1-Dichloroethane	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,1-Dichloroethene	mg/L	0.5 U	0.05 ^{eh}	0.015 ^{eh}	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,2,3-Trichloropropane	mg/L	-	-	0.001 U	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	0.001 U	2.5 U	0.25 U	0.25 U	0.17 U	0.21 U	0.091 U	0.42 U	0.25 U	0.14 U	
1,2,4-Trimethylbenzene	mg/L	-	0.001 U	0.001 U	-	-	-	-	-	-	-	-	0.0051 J	
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,2-Dichloroethane	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	
1,2-Dichloropropane	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	0.001 U	-	-	-	-	-	-	-	-	0.029 U	
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.5 U	0.028 J ^{eh}	0.03 J ^{deh}	0.027 J ^{eh}	0.025 J ^{eh}	0.021 ^{eh}	0.025 J ^{eh}	0.013 J ^h	0.015 J ^h	
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.05 U	0.025 U	12 U	1.2 U	1.2 U	0.83 U	1 U	0.45 U	2.1 U	1.2 U	0.71 U	
2-Hexanone	mg/L	-	-	0.05 U	25 U	2.5 U	2.5 U	1.7 U	2.1 U	0.91 U	4.2 U	2.5 U	1.4 U	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	0.05 U	25 U	2.5 U	2.5 U	1.7 U	2.1 U	0.91 U	4.2 U	2.5 U	1.4 U	
Acetone	mg/L	-	-	0.025 U	12 U	1.2 U	1.2 U	0.83 U	1 U	0.45 U	2.1 U	1.2 U	0.71 U	
Benzene	mg/L	-	0.19 ^{eh}	0.059 ^{eh}	0.5 U	0.028 J ^{eh}	0.028 J ^{eh}	0.025 J ^{eh}	0.025 J ^{eh}	0.016 ^{eh}	0.083 U	0.05 U	0.024 J ^{eh}	
Bromodichloromethane	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Bromoform	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Bromomethane (Methyl bromide)	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Carbon disulfide	mg/L	-	-	0.005 U	2.5 U	0.25 U	0.25 U	0.17 U	0.21 U	0.091 U	0.42 U	0.25 U	0.14 U	
Carbon tetrachloride	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Chlorobenzene	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.014 J	0.019 J	
Chlorobromomethane	mg/L	-	-	0.001 U	-	-	-	-	-	-	-	-	-	
Chloroethane	mg/L	-	-	0.001 U	0.5 U	0.017 J	0.017 J	0.033 U	0.042 U	0.023	0.025 J	0.018 J	0.0096 J	
Chloroform (Trichloromethane)	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Chloromethane (Methyl chloride)	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
cis-1,2-Dichloroethene	mg/L	-	9.8 ^{deh}	24 ^{dehj}	9.8 ^{deh}	15 ^{dehj}	0.43 J ^{eh}	0.44 J ^{eh}	0.78 ^{deh}	0.75 ^{deh}	0.16 ^{eh}	1.8 ^{deh}	1 ^{deh}	0.28 ^{eh}
cis-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Cyclohexane	mg/L	-	-	-	0.5 U	0.0077 J	0.0064 J	0.0076 J	0.0071 J	0.0057 J	0.083 U	0.0085 J	0.0042 J	
Dibromochloromethane	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Dibromomethane	mg/L	-	-	0.001 U	-	-	-	-	-	-	-	-	-	
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	
Ethyl ether	mg/L	-	-	0.02 U	-	-	-	-	-	-	-	-	-	
Ethylbenzene	mg/L	-	0.007	0.001	0.5 U	0.09 ^{deh}	0.094 ^{deh}	0.088 ^{deh}	0.085 ^{deh}	0.045 ^d	0.091 ^{deh}	0.043 J ^d	0.087 ^{deh}	
Iodomethane	mg/L	-	-	0.01 U	-	-	-	-	-	-	-	-	-	
Isopropyl benzene	mg/L	-	-	0.005 U	2.5 U	0.25 U	0.25 U	0.17 U	0.21 U	0.091 U	0.42 U	0.25 U	0.14 U	
Methyl acetate	mg/L	-	-	-	5 U	0.5 U	0.5 U	0.33 U	0.42 U	0.18 U	0.83 U	0.5 U	0.29 U	
Methyl cyclohexane	mg/L	-	-	-	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.013 J	0.083 U	0.05 U	0.029 U	
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	2.5 U	0.25 U	0.25 U	0.17 U	0.21 U	0.091 U	0.42 U	0.25 U	0.14 U	
Methylene chloride	mg/L	-	-	0.005 U	2.5 U	0.25 U	0.25 U	0.17 U	0.21 U	0.091 U	0.42 U	0.25 U	0.14 U	
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	
Naphthalene	mg/L	-	0.005 U	0.005 U	-	-	-	-	-	-	-	-	-	
N-Propylbenzene	mg/L	-	0.001 U	0.005 U	-	-	-	-	-	-	-	-	-	
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U	

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:	MW-3	MW-3	MW-3	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12
Sample ID:	MW-3	0507-090399-S7303-112602-M	GW-17303-120103-DCR-252	WG-17303-030906-LA-0964	WG-17303-030906-LA-0966	WG-17303-063006-EV-016	WG-17303-063006-EV-017	WG-17303-100306-EV-040	17303-120506-J	WG-17303-030707-DR-003	WG-17303-060607-DR-021		
Sample Date:	04/24/1996	09/03/1999	11/26/2002	12/01/2003	03/09/2006	03/09/2006	06/30/2006	06/30/2006	10/03/2006	12/05/2006	03/07/2007	06/06/2007	
Sample Type:													
Parameter:						Duplicate		Duplicate					
Units													
Tetrachloroethene	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U
Toluene	mg/L	-	0.19	0.048	0.5 U	0.025 J	0.027 J	0.024 J	0.023 J	0.014 J	0.038 J	0.012 J	0.029
trans-1,2-Dichloroethene	mg/L	0.7 ^{eh}	1.2 ^{eh}	0.42 J ^{eh}	0.24 J ^{eh}	0.022 J	0.021 J	0.018 J	0.019 J	0.01 J	0.034 J	0.019 J	0.01 J
trans-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.5 U	0.05 U	0.05 U	0.033 UJ	0.042 UJ	0.018 UJ	0.083 U	0.05 U	0.029 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	0.05 U	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.5 U	0.001	0.001	0.5 U	0.05 U	0.05 U	0.011 J ^{eh}	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	0.5 U	0.05 U	0.05 U	0.033 U	0.042 U	0.018 U	0.083 U	0.05 U	0.029 U
Vinyl chloride	mg/L	20 ^{cdefhij}	28 ^{cdefhij}	19 ^{cdefhij}	8.3 ^{cdehi}	1.2 ^{cdehi}	1.2 ^{cdehi}	1.3 ^{cdehi}	1.4 ^{cdehi}	0.63 ^{deh}	2.5 ^{cdehi}	1.2 ^{cdehi}	0.83 ^{deh}
Xylenes (total)	mg/L	-	0.021	0.006	1 U	0.1 UJ	0.1 UJ	0.015 J	0.083 U	0.0088 J	0.057 J ^d	0.1 U	0.017 J

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-13	MW19-14	MW19-15
Sample ID:		WG-17303-090607-EV-025	GW-17303-120607-DR-029	WG-17303-032708-CB-032	WG-17303-061908-DR-023	WG-17303-092408-DR-044	GW-17303-021412-CB-048	GW-17303-120303-DCR-275	GW-17303-120203-DCR-259	GW-17303-120203-DCR-264
Sample Date:		09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/24/2008	02/14/2012	12/03/2003	12/02/2003	12/02/2003
Sample Type:										
Parameter:	Units									
VOCs										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	--	-	-	-
1,1,1-Trichloroethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,1,2,2-Tetrachloroethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 UJ	0.025 U	0.004 U	0.42 U	0.2 U
1,1,2-Trichloroethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,1-Dichloroethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,1-Dichloroethene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	--	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.33 U	0.45 U	0.28 U	0.31 U	0.5 U	0.025 U	0.02 U	2.1 U	1 U
1,2,4-Trimethylbenzene	mg/L	0.014 J	0.014 J	-	-	-	--	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,2-Dichlorobenzene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,2-Dichloroethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	--	-	-	-
1,2-Dichloropropane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,3,5-Trimethylbenzene	mg/L	0.067 U	0.091 U	-	-	-	--	-	-	-
1,3-Dichlorobenzene	mg/L	0.021 J ^{eh}	0.02 J ^{eh}	0.014 J ^h	0.012 J ^h	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	--	-	-	-
1,4-Dichlorobenzene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1.7 U	2.3 U	1.4 U	1.6 U	2.5 U	0.25 U	0.1 U	10 U	5 U
2-Hexanone	mg/L	3.3 U	4.5 U	2.8 U	3.1 U	5 U	0.25 U	0.2 U	21 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	3.3 U	4.5 U	2.8 U	3.1 U	5 U	0.25 U	0.2 U	21 U	10 U
Acetone	mg/L	1.7 U	2.3 U	1.4 U	1.6 U	2.5 U	0.25 U	0.1 U	10 U	5 U
Benzene	mg/L	0.033 J ^{eh}	0.041 J ^{eh}	0.03 J ^{eh}	0.041 J ^{eh}	0.03 J ^{eh}	0.028 ^{eh}	0.009 ^{eh}	0.42 U	0.2 U
Bromodichloromethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Bromoform	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 UJ	0.025 U	0.004 U	0.42 U	0.2 U
Bromomethane (Methyl bromide)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Carbon disulfide	mg/L	0.33 U	0.45 U	0.28 U	0.31 U	0.5 U	0.13 U	0.02 U	2.1 U	1 U
Carbon tetrachloride	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Chlorobenzene	mg/L	0.047 J ^d	0.075 J ^d	0.076 ^d	0.075 ^d	0.092 J ^d	0.18 ^{deh}	0.004 U	0.42 U	0.2 U
Chlorobromomethane	mg/L	-	-	-	-	-	--	-	-	-
Chloroethane	mg/L	0.067 U	0.091 U	0.056 UJ	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Chloroform (Trichloromethane)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Chloromethane (Methyl chloride)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
cis-1,2-Dichloroethene	mg/L	1.3 ^{deh}	1.3 ^{deh}	1.3 ^{deh}	1 ^{deh}	2 ^{deh}	0.37 ^{eh}	0.031	1.2 ^{deh}	1.6 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 UJ	0.025 U	0.004 U	0.42 U	0.2 U
Cyclohexane	mg/L	0.067 U	0.091 U	0.0068 J	0.062 U	0.1 U	0.0037 J	0.0058	0.42 U	0.2 U
Dibromochloromethane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Dibromomethane	mg/L	-	-	-	-	-	--	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U
Ethyl ether	mg/L	-	-	-	-	-	--	-	-	-
Ethylbenzene	mg/L	0.14 ^{deh}	0.18 ^{deh}	0.13 ^{deh}	0.12 J ^{deh}	0.13 ^{deh}	0.14 ^{deh}	0.004 U	0.42 U	0.2 U
Iodomethane	mg/L	-	-	-	-	-	--	-	-	-
Isopropyl benzene	mg/L	0.33 U	0.45 U	0.28 U	0.31 U	0.5 U	0.025 U	0.02 U	2.1 U	1 U
Methyl acetate	mg/L	0.67 U	0.91 U	0.56 U	0.62 U	1 U	0.25 U	0.04 U	4.2 U	2 U
Methyl cyclohexane	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.0033 J	0.0014 J	0.42 U	0.2 U
Methyl tert butyl ether (MTBE)	mg/L	0.33 U	0.45 U	0.28 U	0.31 U	0.5 U	0.13 U	0.02 U	2.1 U	1 U
Methylene chloride	mg/L	0.33 U	0.45 U	0.28 U	0.31 U	0.5 U	0.13 U	0.02 U	2.1 U	1 U
m-Xylene	mg/L	-	-	-	-	-	--	-	-	-
Naphthalene	mg/L	-	-	-	-	-	--	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	--	-	-	-
o-Xylene	mg/L	-	-	-	-	-	--	-	-	-
Styrene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	
Sample Location:	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-12	MW19-13	MW19-14	MW19-15	MW19-16	
Sample ID:	WG-17303-090607-EV-025	GW-17303-120607-DR-029	WG-17303-032708-CB-032	WG-17303-061908-DR-023	WG-17303-092408-DR-044	GW-17303-021412-CB-048	GW-17303-120303-DCR-275	GW-17303-120203-DCR-259	GW-17303-120203-DCR-264	GW-17303-120203-DCR-263	
Sample Date:	09/06/2007	12/06/2007	03/27/2008	06/19/2008	09/24/2008	02/14/2012	12/03/2003	12/02/2003	12/02/2003	12/02/2003	
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U	0.5 U
Toluene	mg/L	0.039 J	0.061 J	0.036 J	0.062 U	0.037 J	0.031	0.004 U	0.42 U	0.2 U	0.5 U
trans-1,2-Dichloroethene	mg/L	0.027 J	0.029 J	0.025 J	0.02 J	0.036 J	0.0092 J	0.004 U	0.42 U	0.2 U	0.19 J ^{eh}
trans-1,3-Dichloropropene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 UJ	0.025 U	0.004 U	0.42 U	0.2 U	0.5 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	--	-	-	-	-
Trichloroethene	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.017 J ^{eh}	0.004 U	0.42 U	0.2 U	0.5 U
Trichlorofluoromethane (CFC-11)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U	0.5 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.067 U	0.091 U	0.056 U	0.062 U	0.1 U	0.025 U	0.004 U	0.42 U	0.2 U	0.5 U
Vinyl chloride	mg/L	1.9 ^{cdehi}	2.3 ^{cdehi}	2 ^{cdehi}	1.8 ^{cdehi}	3.4 ^{cdehi}	0.72 ^{deh}	0.12 ^{deh}	14 ^{cdefhi}	5.8 ^{cdehi}	12 ^{cdehi}
Xylenes (total)	mg/L	0.13 U	0.18 U	0.023 J	0.023 J	0.2 U	0.048 J ^d	0.008 U	0.83 U	0.4 U	1 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 PW5-99 W-1190511-120699-SN-025 12/06/1999	PAOC 29 PW6-99 W-1190511-120699-SN-026 12/06/1999	PAOC 29 TW-2 TW-2 09/12/1996	PAOC 29 TW-3 TW-3 09/12/1996	Tyler Pond PW1-99 W-1190511-120699-SN-030 12/06/1999	Tyler Pond TP Dam Spillway WG-17303-011510-LS-001 01/15/2010	TP Dam Spillway WG-17303-011510-LS-002 01/15/2010 Duplicate	OutFall #11 GW-17303-120303-DCR-274 12/03/2003	OutFall #11 GW-17303-DCR-121003 12/10/2003	TP-A30-DRM W-17303-061405-BW-0778 06/14/2005
	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 UJ	0.001 UJ	0.02 U	0.001 U	17 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,1-Dichloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.009 ^{eh}	0.016 ^{eh}	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.1 U	0.005 U	83 UJ
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,2-Dichloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.108	0.05 U	-	-	0.0945	0.025 U	0.025 U	0.5 U	0.025 U	63 J ^{dehj}
2-Hexanone	mg/L	-	-	-	-	-	0.05 U	0.05 U	1 U	0.05 U	830 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-	-	0.05 U	0.05 U	1 U	0.05 U	830 U
Acetone	mg/L	-	-	-	-	-	0.025 U	0.025 U	0.5 U	0.025 U	970 ^{dehj}
Benzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Bromodichloromethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
Bromoform	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
Bromomethane (Methyl bromide)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Carbon disulfide	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.1 U	0.005 U	83 U
Carbon tetrachloride	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Chlorobenzene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.0049 J	0.001 U	17 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-	0.00022 J	0.00021 J	0.02 U	0.001 U	17 U
Chloromethane (Methyl chloride)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	1.069 ^{deh}	1.68 ^{deh}	0.001 U	0.0029 J	0.0032 J	0.5 ^{eh}	0.0037	24 J ^{dehj}
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
Cyclohexane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Dibromochloromethane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-	-	0.001 UJ	0.001 UJ	0.02 U	0.001 U	17 UJ
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.1 U	0.005 U	83 U
Methyl acetate	mg/L	-	-	-	-	-	0.01 U	0.01 U	0.2 U	0.01 U	170 U
Methyl cyclohexane	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.1 U	0.005 U	83 U
Methylene chloride	mg/L	-	-	-	-	-	0.005 U	0.005 U	0.1 U	0.005 U	83 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	0.005 U	0.005 U	-	-	0.005 U	-	-	-	-	-
N-Propylbenzene	mg/L	0.001 U	0.001 U	-	-	0.001 U	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 29	PAOC 29	PAOC 29	PAOC 29	Tyler Pond	Tyler Pond	TP Dam Spillway	OutFall #11	OutFall #11	TP-A30-DRM
		PW5-99	PW6-99	TW-2	TW-3	PW1-99	TP Dam Spillway	TP Dam Spillway	GW-17303-120303-DCR-274	GW-17303-DCR-121003	W-17303-061405-BW-0778
		W-1190511-120699-SN-025	W-1190511-120699-SN-026	TW-2	TW-3	W-1190511-120699-SN-030	WG-17303-011510-LS-001	WG-17303-011510-LS-002	12/03/2003	12/10/2003	06/14/2005
		12/06/1999	12/06/1999	09/12/1996	09/12/1996	12/06/1999	01/15/2010	01/15/2010	12/03/2003	12/10/2003	06/14/2005
								Duplicate			
Tetrachloroethene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
Toluene	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.02 U	0.00073 J	17 ^{dehj}
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.033	0.307 ^{eh}	0.001 U	0.001 U	0.001 U	0.011 J	0.001 U	17 U
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 UJ
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001	0.021 ^{eh}	0.001 U	0.00084 J	0.00091 J	0.04 ^{eh}	0.00044 J	230 ^{cdefhij}
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-	0.001 U	0.001 U	0.02 U	0.001 U	17 U
Vinyl chloride	mg/L	0.001 U	0.001 U	1.45 ^{cdehi}	1.29 ^{cdehi}	0.001 U	0.00034 J	0.00038 J	0.39 ^{deh}	0.0035 ^{eh}	5.7 ^j ^{cdehi}
Xylenes (total)	mg/L	0.003 U	0.003 U	-	-	0.003 U	0.002 U	0.002 U	0.04 U	0.002 U	10 ^j ^{dehj}

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		MW6U-93 MW 6U-93 12/10/2003	PAOC 19 DMW1 GW-17303-042412-CB-315 04/24/2012	PAOC 19 DMW2 GW-17303-042412-CB-314 04/24/2012	PAOC 19 MW19-22R GW-17303-092911-CB-037 09/29/2011	PAOC 19 MW19-29 GW-17303-093011-CB-042 09/30/2011	PAOC 19 MW19-29 GW-17303-093011-CB-043 09/30/2011 Duplicate	PAOC 19 MW19-30 GW-17303-093011-CB-045 09/30/2011	PAOC 19 MW19-31 GW-17303-093011-CB-044 09/30/2011	PAOC 19 MW19-32 GW-17303-022212-CB-067 02/22/2012	PAOC 19 MW19-33 GW-17303-022212-CB-066 02/22/2012
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,2,3-Trichloropropane	mg/L	-	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,2,4-Trimethylbenzene	mg/L	-	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,2-Dichloroethene (total)	mg/L	0.001 U	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,3,5-Trimethylbenzene	mg/L	-	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
1,4-Dichlorobenzene	mg/L	0.001 U	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.033 U
2-Hexanone	mg/L	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.033 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.033 U
Acetone	mg/L	0.1 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.033 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.091 ^{eb}
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.00033 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.017 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.027 ^d
Chlorobromomethane	mg/L	-	--	--	--	--	--	--	--	--	--
Chloroethane	mg/L	0.008	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.00031 J	0.00031 J	0.001 U	0.001 U	0.001 U	0.0033 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
cis-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0012	0.001 U	0.0033 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0014 J
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Dibromomethane	mg/L	-	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Ethyl ether	mg/L	-	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Iodomethane	mg/L	-	--	--	--	--	--	--	--	--	--
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00059 J
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.033 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 J
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.017 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.017 U
m-Xylene	mg/L	-	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	-	--	--	--	--	--	--	--	--	--
N-Propylbenzene	mg/L	-	--	--	--	--	--	--	--	--	--
o-Xylene	mg/L	-	--	--	--	--	--	--	--	--	--
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		MW6U-93 MW 6U-93 12/10/2003	PAOC 19 DMW1 GW-17303-042412-CB-315 04/24/2012	PAOC 19 DMW2 GW-17303-042412-CB-314 04/24/2012	PAOC 19 MW19-22R GW-17303-092911-CB-037 09/29/2011	PAOC 19 MW19-29 GW-17303-093011-CB-042 09/30/2011	PAOC 19 MW19-29 MW19-29 GW-17303-093011-CB-043 09/30/2011 Duplicate	PAOC 19 MW19-30 GW-17303-093011-CB-045 09/30/2011	PAOC 19 MW19-31 GW-17303-093011-CB-044 09/30/2011	PAOC 19 MW19-32 GW-17303-022212-CB-067 02/22/2012	PAOC 19 MW19-33 GW-17303-022212-CB-066 02/22/2012
	Units										
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
trans-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00023 J	0.001 U	0.0033 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
trans-1,4-Dichloro-2-butene	mg/L	-	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.00023 J	0.0011	0.0012	0.00092 J	0.00079 J	0.001 U	0.0033 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0033 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00097 J	0.002	0.001 U	0.0046 th
Xylenes (total)	mg/L	0.003 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0067 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-34 GW-17303-022212-CB-064 02/22/2012	PAOC 19 MW19-34 GW-17303-022212-CB-065 02/22/2012 Duplicate	PAOC 23 IW-4 GW-17303-121112-CB-069 12/11/2012	PAOC 23 IW-17 GW-17303-121112-CB-070 12/11/2012	PAOC 23 IW-38 GW-17303-121212-CB-073 12/12/2012	PAOC 23 MW19-26 GW-17303-121212-CB-072 12/12/2012	PAOC 23 MW23-01 GW-17303-121212-CB-075 12/12/2012	PAOC 23 MW23-02 GW-17303-121212-CB-074 12/12/2012	PAOC 23 SB19-73 GW-17303-120412-EM-010 12/04/2012	PAOC 23 SB19-75 GW-17303-120412-EM-011 12/04/2012
	Units										
VOCs											
1,1,1,2-Tetrachloroethane	mg/L	--	--	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	0.19 J ^{deh}	0.57 J ^{dehi}	1 U	0.001 U	0.017 U
1,2,3-Trichloropropane	mg/L	--	--	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,2,4-Trimethylbenzene	mg/L	--	--	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,2-Dichloroethene (total)	mg/L	--	--	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,3,5-Trimethylbenzene	mg/L	--	--	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
1,3-Dichloropropene	mg/L	0.001 U	0.001 U	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	--	--	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	3.3 U	1 U	10 U	10 U	25 U	10 U	0.01 U	0.17 U
2-Hexanone	mg/L	0.01 U	0.01 U	3.3 U	1 U	10 U	10 U	25 U	10 U	0.01 U	0.17 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	3.3 U	1 U	10 U	10 U	25 U	10 U	0.01 U	0.17 U
Acetone	mg/L	0.01 U	0.01 U	3.3 U	1 U	10 U	10 U	25 U	10 U	0.01 U	0.17 U
Benzene	mg/L	0.00016 J	0.00014 J	0.33 U	0.1 U	1 U	1 U	0.33 J ^{deh}	1 U	0.002	0.15 ^{eh}
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Bromoform	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Carbon disulfide	mg/L	0.005 U	0.005 U	1.7 U	0.5 U	5 U	5 U	13 U	5 U	0.005 U	0.083 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Chlorobromomethane	mg/L	--	--	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
cis-1,2-Dichloroethene	mg/L	0.0019	0.0019	8.4 ^{deh}	0.036 J	0.94 J ^{deh}	6.8 ^{deh}	97 ^{dehij}	25 ^{dehj}	0.00085 J	0.59 ^{eh}
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.33 U	0.013 J	1 U	1 U	2.5 U	1 U	0.0028	0.0066 J
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Dibromomethane	mg/L	--	--	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Ethyl ether	mg/L	--	--	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.33 U	0.048 J ^d	1 U	1 U	2.5 U	1 U	0.001 U	0.31 ^{deh}
Iodomethane	mg/L	--	--	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.33 U	0.017 J	1 U	1 U	2.5 U	1 U	0.001 U	0.032 ^d
Methyl acetate	mg/L	0.01 U	0.01 U	3.3 U	1 U	10 U	10 U	25 U	10 U	0.01 U	0.17 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.00062 J	0.0029 J
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	1.7 U	0.5 U	5 U	5 U	13 U	5 U	0.005 U	0.083 U
Methylene chloride	mg/L	0.005 U	0.005 U	1.7 U	0.5 U	5 U	5 U	13 U	5 U	0.005 U	0.083 U
m-Xylene	mg/L	--	--	-	-	-	-	-	-	-	-
Naphthalene	mg/L	--	--	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	--	--	-	-	-	-	-	-	-	-
o-Xylene	mg/L	--	--	-	-	-	-	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 19	PAOC 19	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	
Sample Location:	MW19-34	MW19-34	IW-4	IW-17	IW-38	MW19-26	MW23-01	MW23-02	SB19-73	SB19-75	
Sample ID:	GW-17303-022212-CB-064	GW-17303-022212-CB-065	GW-17303-121112-CB-069	GW-17303-121112-CB-070	GW-17303-121212-CB-073	GW-17303-121212-CB-072	GW-17303-121212-CB-075	GW-17303-121212-CB-074	GW-17303-120412-EM-010	GW-17303-120412-EM-011	
Sample Date:	02/22/2012	02/22/2012	12/11/2012	12/11/2012	12/12/2012	12/12/2012	12/12/2012	12/12/2012	12/04/2012	12/04/2012	
Sample Type:											
Parameter:		Duplicate									
Units											
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Toluene	mg/L	0.001 U	0.001 U	0.33 U	0.42 ^d	1 U	1 U	2.5 U	0.17 J	0.0002 J	0.038
trans-1,2-Dichloroethene	mg/L	0.00031 J	0.00034 J	0.27 J ^{eh}	0.1 U	1 U	0.85 J ^{eh}	1.4 J ^{eh}	0.25 J ^{eh}	0.0011	0.028
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
trans-1,4-Dichloro-2-butene	mg/L	--	--	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.013 ^{eh}	0.012 ^{eh}	0.066 J ^{eh}	0.1 U	1 U	0.17 J ^{eh}	2.5 U	1 U	0.00033 J	0.29 ^{deh}
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.33 U	0.1 U	1 U	1 U	2.5 U	1 U	0.001 U	0.017 U
Vinyl chloride	mg/L	0.00042 J	0.00041 J	6.8 ^{cdehi}	2.8 ^{cdehi}	33 ^{cdefhij}	28 ^{cdefhij}	35 ^{bcdefhij}	33 ^{cdefhij}	0.017 ^{deh}	0.13 ^{deh}
Xylenes (total)	mg/L	0.002 U	0.002 U	0.67 U	0.26 ^d	2 U	2 U	5 U	2 U	0.002 U	1.5 ^{dehj}

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-77 GW-17303-120412-EM-014 12/04/2012	PAOC 23 SB19-78 GW-17303-120512-EM-034 12/05/2012	PAOC 23 SB19-79 GW-17303-120512-EM-037 12/05/2012	PAOC 23 SB19-80 GW-17303-120512-EM-025 12/05/2012	PAOC 23 SB19-81 GW-17303-120512-EM-015 12/05/2012	PAOC 23 SB19-83 GW-17303-120512-EM-018 12/05/2012	PAOC 23 SB19-84 GW-17303-120512-EM-026 12/05/2012	PAOC 23 SB19-86 GW-17303-120612-EM-047 12/06/2012	PAOC 23 SB19-87 GW-17303-120612-EM-048 12/06/2012	PAOC 23 SB19-89 GW-17303-120612-EM-044 12/06/2012
VOCs	Units										
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,1,2,2-Tetrachloroethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,1,2-Trichloroethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,1-Dichloroethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,1-Dichloroethene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.016 J ^{eh}	0.36 J ^{dehi}	0.83 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,2-Dichlorobenzene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,2-Dichloroethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
1,3-Dichloropropene	mg/L	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.13 U	0.83 U	0.77 U	33 U	0.08 U	0.017 U	13 U	0.83 U	10 U	8.3 U
2-Hexanone	mg/L	0.13 U	0.83 U	0.77 U	33 U	0.08 U	0.017 U	13 U	0.83 U	10 U	8.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.13 U	0.83 U	0.77 U	33 U	0.045 J	0.017 U	13 U	0.83 U	10 U	0.34 J
Acetone	mg/L	0.13 U	0.83 U	0.77 U	33 U	0.08 U	0.017 U	13 U	0.83 U	10 U	8.3 U
Benzene	mg/L	0.0042 J	0.015 J ^{eh}	0.024 J ^{eh}	3.3 U	0.081 ^{eh}	0.038 ^{eh}	1.3 U	0.033 J ^{eh}	1 U	0.55 J ^{deh}
Bromodichloromethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Bromoform	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Bromomethane (Methyl bromide)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Carbon disulfide	mg/L	0.063 U	0.42 U	0.38 U	17 U	0.04 U	0.0084 U	6.3 U	0.42 U	5 U	4.2 U
Carbon tetrachloride	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Chlorobenzene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Chloroethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Chloroform (Trichloromethane)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Chloromethane (Methyl chloride)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
cis-1,2-Dichloroethene	mg/L	0.014	0.083 U	0.6 ^{eh}	39 ^{dehj}	0.19 ^{eh}	0.0073	11 ^{deh}	0.57 ^{eh}	22 ^{dehj}	2.9 ^{deh}
cis-1,3-Dichloropropene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Cyclohexane	mg/L	0.013 U	0.033 J	0.077 U	3.3 U	0.0097	0.0016 J	1.3 U	0.083 U	1 U	0.83 U
Dibromochloromethane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Dibromomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Ethyl ether	mg/L	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	mg/L	0.013 U	0.021 J ^d	0.077 U	3.3 U	0.23 ^{deh}	0.00075 J	1.3 U	0.083 U	1 U	0.83 U
Iodomethane	mg/L	-	-	-	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.0085	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Methyl acetate	mg/L	0.13 U	0.83 U	0.77 U	33 U	0.08 U	0.017 U	13 U	0.83 U	10 U	8.3 U
Methyl cyclohexane	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.0074 J	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Methyl tert butyl ether (MTBE)	mg/L	0.063 U	0.42 U	0.38 U	17 U	0.04 U	0.0084 U	6.3 U	0.42 U	5 U	4.2 U
Methylene chloride	mg/L	0.063 U	0.42 U	0.38 U	17 U	0.04 U	0.0084 U	6.3 U	0.42 U	5 U	4.2 U
m-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-	-	-	-	-	-
Styrene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		SB19-77	SB19-78	SB19-79	SB19-80	SB19-81	SB19-83	SB19-84	SB19-86	SB19-87	SB19-89
Sample ID:		GW-17303-120412-EM-014	GW-17303-120512-EM-034	GW-17303-120512-EM-037	GW-17303-120512-EM-025	GW-17303-120512-EM-015	GW-17303-120512-EM-018	GW-17303-120512-EM-026	GW-17303-120612-EM-047	GW-17303-120612-EM-048	GW-17303-120612-EM-044
Sample Date:		12/04/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/05/2012	12/06/2012	12/06/2012	12/06/2012
Sample Type:											
Parameter:	Units										
Tetrachloroethene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Toluene	mg/L	0.013 U	0.05 J	0.011 J	1.1 J ^{deh}	0.082	0.00032 J	1.3 U	0.032 J	1 U	5.6 ^{dehj}
trans-1,2-Dichloroethene	mg/L	0.0097 J	0.083 U	0.24 ^{eh}	3.3 U	0.0055 J	0.00045 J	0.31 J ^{eh}	0.072 J	2.1 ^{deh}	0.83 U
trans-1,3-Dichloropropene	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-	-	-	-
Trichloroethene	mg/L	0.0022 J	0.083 U	0.077 U	3.3 U	0.21 ^{deh}	0.0014 J	1.3 U	0.083 U	1 U	0.83 U
Trichlorofluoromethane (CFC-11)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.013 U	0.083 U	0.077 U	3.3 U	0.008 U	0.0017 U	1.3 U	0.083 U	1 U	0.83 U
Vinyl chloride	mg/L	0.35 ^{deh}	2.4 ^{cdehi}	2.2 ^{cdehi}	94 ^{bcd efhij}	0.031 ^{deh}	0.0087 ^{eh}	28 ^{cde fhij}	2.3 ^{cdehi}	21 ^{cde fhij}	21 ^{cde fhij}
Xylenes (total)	mg/L	0.025 U	0.072 J ^d	0.15 U	1.4 J ^{dehj}	0.83 ^{dehj}	0.0035	2.5 U	0.17 U	2 U	0.8 J ^{dehj}

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).

The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels

- The analyte was not analyzed

ft BGS - feet below ground surface

ID - Insufficient data to develop criterion

J - The associated value is an estimated concentration

NLL - Hazardous substance is not likely to leach under most soil conditions.

NLV - Hazardous substance is not likely to volatilize under most conditions

R - Rejected value

U - Not present at or above the associated value

UJ - The associated value is an estimated reporting limit

VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 SB19-90 GW-17303-120512-EM-030 12/05/2012	PAOC 24 SB19-91 GW-17303-120612-EM-049 12/06/2012	PAOC 24 SB19-92 GW-17303-120612-EM-053 12/06/2012	PAOC 24 SB19-93 GW-17303-120712-EM-056 12/07/2012	PAOC 24 SB19-94 GW-17303-120612-EM-050 12/06/2012
VOCs	Units					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,1,2,2-Tetrachloroethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,1,2-Trichloroethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,1-Dichloroethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,1-Dichloroethene	mg/L	0.25 U	0.017 U	0.00021 J	0.001 U	0.04 U
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,2-Dichlorobenzene	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,2-Dichloroethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,2-Dichloroethene (total)	mg/L	-	-	-	-	-
1,2-Dichloropropane	mg/L	0.25 U	0.017 U	0.00048 J	0.0017	0.04 U
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
1,3-Dichloropropene	mg/L	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.25 U	0.0067 J	0.001 U	0.001 U	0.04 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	2.5 U	0.17 U	0.01 U	0.01 U	0.4 U
2-Hexanone	mg/L	2.5 U	0.17 U	0.01 U	0.01 U	0.4 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	2.5 U	0.17 U	0.01 U	0.01 U	0.4 U
Acetone	mg/L	2.5 U	0.17 U	0.01 U	0.0011 J	0.4 U
Benzene	mg/L	0.25 U	0.044 ^{eh}	0.0019	0.0062 ^{eh}	1.2 ^{deh}
Bromodichloromethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Bromoform	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Bromomethane (Methyl bromide)	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Carbon disulfide	mg/L	1.3 U	0.083 U	0.005 U	0.005 U	0.2 U
Carbon tetrachloride	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Chlorobenzene	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Chlorobromomethane	mg/L	-	-	-	-	-
Chloroethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Chloroform (Trichloromethane)	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Chloromethane (Methyl chloride)	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
cis-1,2-Dichloroethene	mg/L	0.52 ^{eh}	0.017	0.004	0.011	0.014 J
cis-1,3-Dichloropropene	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Cyclohexane	mg/L	0.25 U	0.019	0.00054 J	0.0018	0.0077 J
Dibromochloromethane	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Dibromomethane	mg/L	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Ethyl ether	mg/L	-	-	-	-	-
Ethylbenzene	mg/L	0.25 U	0.44 ^{dehj}	0.0027	0.0031	0.076 ^{deh}
Iodomethane	mg/L	-	-	-	-	-
Isopropyl benzene	mg/L	0.25 U	0.015 J	0.00023 J	0.00027 J	0.04 U
Methyl acetate	mg/L	2.5 U	0.17 U	0.01 U	0.01 U	0.4 U
Methyl cyclohexane	mg/L	0.25 U	0.012 J	0.00026 J	0.00041 J	0.04 U
Methyl tert butyl ether (MTBE)	mg/L	1.3 U	0.083 U	0.005 U	0.005 U	0.2 U
Methylene chloride	mg/L	1.3 U	0.083 U	0.005 U	0.005 U	0.2 U
m-Xylene	mg/L	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-
Styrene	mg/L	0.25 U	0.017 U	0.001 U	0.001 U	0.04 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - VOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC	PAOC 23	PAOC 24	PAOC 24	PAOC 24	PAOC 24
Sample Location:	SB19-90	SB19-91	SB19-92	SB19-93	SB19-94
Sample ID:	GW-17303-120512-EM-030	GW-17303-120612-EM-049	GW-17303-120612-EM-053	GW-17303-120712-EM-056	GW-17303-120612-EM-050
Sample Date:	12/05/2012	12/06/2012	12/06/2012	12/07/2012	12/06/2012
Sample Type:					
Parameter:					
Units					
Tetrachloroethene	mg/L 0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Toluene	mg/L 0.44 ^d	0.0082 J	0.0035	0.0041	0.0084 J
trans-1,2-Dichloroethene	mg/L 0.25 U	0.0034 J	0.00086 J	0.001 U	0.04 U
trans-1,3-Dichloropropene	mg/L 0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
trans-1,4-Dichloro-2-butene	mg/L -	-	-	-	-
Trichloroethene	mg/L 0.25 U	0.017 U	0.001 U	0.0035	0.04 U
Trichlorofluoromethane (CFC-11)	mg/L 0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Trifluorotrichloroethane (Freon 113)	mg/L 0.25 U	0.017 U	0.001 U	0.001 U	0.04 U
Vinyl chloride	mg/L 8.4 ^{cdehi}	0.021 ^{deh}	0.0053 ^{eh}	0.0013	0.016 ^j ^{deh}
Xylenes (total)	mg/L 0.5 U	0.0072 J	0.0015 J	0.011	0.08 U

The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Acute Inhalation Screening Level	Flammability and Explosivity Level	Groundwater Contact Criteria	Groundwater Surface water Interface Criteria	Nonresidential Drinking Water Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Water Solubility	Residential Drinking Water Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Final Acute Value	PAOC 18 BH9-99 W-1190511-111999-SN-020 11/19/1999	PAOC 18 GS-6 WG-17303-030906-LA-0953 03/09/2006
	Units	a	b	c	d	e	f	g	h	i	j	
SVOCs												
1,4-Dioxane	mg/L	ID	140000	1700	2.8	0.35	NLV	900000	0.085	NLV	390	-
1-Methylnaphthalene	mg/L	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-	-	-	-	-	-	ID	0.02 U
2,4,5-Trichlorophenol	mg/L	ID	ID	170	-	2.1	NLV	1200	0.73	NLV	-	0.02 U
2,4,6-Trichlorophenol	mg/L	ID	ID	10	0.005	0.47	NLV	800	0.12	NLV	0.079	0.016 U
2,4-Dichlorophenol	mg/L	ID	ID	48	0.011	0.21	NLV	4500	0.073	NLV	0.18	0.04 U
2,4-Dimethylphenol	mg/L	ID	ID	520	0.38	1	NLV	7870	0.37	NLV	2.7	0.0032 J
2,4-Dinitrophenol	mg/L	-	-	-	-	-	-	-	-	-	0.27	0.08 U
2,4-Dinitrotoluene	mg/L	ID	ID	8.6	-	0.032	NLV	270	0.0077	NLV	-	0.02 U
2,6-Dinitrotoluene	mg/L	-	-	-	-	-	-	-	-	-	-	0.02 U
2-Chloronaphthalene	mg/L	ID	ID	6.7	-	5.2	ID	6.74	1.8	ID	-	0.02 U
2-Chlorophenol	mg/L	ID	ID	94	0.018	0.13	ID	22000	0.045	ID	0.32	0.02 U
2-Methylnaphthalene	mg/L	ID	ID	25	0.019	0.75	25	24.6	0.26	25	-	0.02 U
2-Methylphenol	mg/L	ID	-	810	0.03	1	NLV	28000	0.37	NLV	1.5	0.02 U
2-Nitroaniline	mg/L	-	-	-	-	-	-	-	-	-	-	0.08 U
2-Nitrophenol	mg/L	ID	ID	79	ID	0.058	NLV	2500	0.02	NLV	ID	0.02 U
3&4-Methylphenol	mg/L	ID	-	810	0.03	1	NLV	28000	0.37	NLV	0.45	
3,3'-Dichlorobenzidine	mg/L	ID	ID	0.18	0.0003	0.0043	NLV	3.11	0.0011	NLV	0.081	0.016 U
3-Nitroaniline	mg/L	-	-	-	-	-	-	-	-	-	-	0.08 U
4,6-Dinitro-2-methylphenol	mg/L	ID	ID	9.5	-	0.02	NLV	200	0.02	NLV	-	0.08 U
4-Bromophenyl phenyl ether	mg/L	-	-	-	-	-	-	-	-	-	-	0.02 U
4-Chloro-3-methylphenol	mg/L	ID	ID	79	0.0074	0.42	NLV	3900	0.15	NLV	0.13	0.02 U
4-Chloroaniline	mg/L	-	-	-	-	-	-	-	-	-	ID	0.04 U
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-	-	-	-	-	-	-	0.02 U
4-Methylphenol	mg/L	ID	-	810	0.03	1	NLV	28000	0.37	NLV	0.45	0.02 U
4-Nitroaniline	mg/L	-	-	-	-	-	-	-	-	-	-	0.08 U
4-Nitrophenol	mg/L	-	-	-	-	-	-	-	-	-	1.9	0.08 U
Acenaphthene	mg/L	ID	ID	4.2	0.038	3.8	4.2	4.24	1.3	4.2	0.2	0.02 U
Acenaphthylene	mg/L	ID	ID	3.9	ID	0.15	3.9	3.93	0.052	3.9	ID	0.02 U
Acetophenone	mg/L	ID	ID	6100	-	4.4	6100	6100	1.5	6100	ID	0.02 U
Anthracene	mg/L	ID	ID	0.043	ID	0.043	0.043	0.0434	0.043	0.043	ID	0.02 U
Atrazine	mg/L	ID	ID	5.4	0.0073	0.003	NLV	70	0.003	NLV	0.1	0.012 U
Benzaldehyde	mg/L	-	-	-	-	-	-	-	-	-	-	0.04 U
Benzo(a)anthracene	mg/L	ID	ID	0.0094	ID	0.0085	NLV	0.0094	0.0021	NLV	ID	0.004 U
Benzo(a)pyrene	mg/L	ID	ID	0.001	ID	0.005	NLV	0.00162	0.005	NLV	ID	0.004 U
Benzo(b)fluoranthene	mg/L	ID	ID	0.0015	ID	0.0015	ID	0.0015	0.0015	ID	ID	0.004 U
Benzo(g,h,i)perylene	mg/L	ID	ID	0.001	-	0.001	NLV	0.00026	0.001	NLV	-	0.004 U
Benzo(k)fluoranthene	mg/L	ID	ID	0.001	-	0.001	NLV	0.0008	0.001	NLV	-	0.004 U
Biphenyl (1,1-Biphenyl)	mg/L	-	-	-	-	-	-	-	-	-	0.11	0.04 U
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-	-	-	-	-	-	-	0.02 U
bis(2-Chloroethyl)ether	mg/L	17000	17000	5.7	0.001	0.0083	210	17200	0.002	38	ID	0.004 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.34	-	0.32	0.025	0.006	NLV	0.34	0.006	NLV	0.285	0.02 U
Butyl benzylphthalate (BBP)	mg/L	ID	ID	2.7	0.067	2.7	NLV	2.69	1.2	NLV	0.63	0.02 U
Caprolactam	mg/L	-	-	390000	-	17	NLV	5250000	5.8	NLV	-	0.04 U
Carbazole	mg/L	ID	ID	7.4	0.01	0.35	NLV	7.48	0.085	NLV	0.072	0.04 U
Chrysene	mg/L	ID	ID	0.0016	ID	0.0016	ID	0.0016	0.0016	ID	ID	0.004 U
Dibenz(a,h)anthracene	mg/L	ID	ID	0.002	ID	0.002	NLV	0.00249	0.002	NLV	ID	0.008 U
Dibenzofuran	mg/L	ID	ID	ID	0.004	ID	10	10	ID	10	0.072	0.016 U
Diethyl phthalate	mg/L	ID	-	1100	0.11	16	NLV	1080	5.5	NLV	2	0.02 U
Dimethyl phthalate	mg/L	ID	-	4200	-	210	NLV	4190	73	NLV	-	0.02 U
Di-n-butylphthalate (DBP)	mg/L	ID	-	11	0.0097	2.5	NLV	11.2	0.88	NLV	0.075	0.02 U
Di-n-octyl phthalate (DnOP)	mg/L	ID	ID	0.4	ID	0.38	NLV	3	0.13	NLV	ID	0.02 U
Fluoranthene	mg/L	ID	ID	0.21	0.0016	0.21	0.21	0.206	0.21	0.21	0.028	0.004 U
Fluorene	mg/L	ID	ID	2	0.012	2	2	1.98	0.88	2	0.22	0.02 U
Hexachlorobenzene	mg/L	ID	ID	0.0046	0.0002	0.001	3	6.2	0.001	0.44	ID	0.0008 U
Hexachlorobutadiene	mg/L	ID	ID	0.4	0.000053	0.042	3.2	3.23	0.015	1.6	0.015	0.004 U
Hexachlorocyclopentadiene	mg/L	ID	ID	1.6	ID	0.05	0.42	1.8	0.05	0.13	ID	R

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		Acute Inhalation Screening Level	Flammability and Explosivity Level	Groundwater Contact Criteria	Groundwater Surface water Interface Criteria	Nonresidential Drinking Water Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Water Solubility	Residential Drinking Water Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Final Acute Value	PAOC 18 BH9-99 W-1190511-111999-SN-020 11/19/1999	PAOC 18 GS-6 WG-17303-030906-LA-0953 03/09/2006
	Units	a	b	c	d	e	f	g	h	i	j		
Hexachloroethane	mg/L	ID	ID	1.9	0.0067	0.021	50	50	0.0073	27	0.21	-	0.02 U
Indeno(1,2,3-cd)pyrene	mg/L	ID	ID	0.002	ID	0.002	NLV	0.000022	0.002	NLV	ID	0.0011 J [#]	0.008 U
Isophorone	mg/L	12000	-	990	1.3	3.1	NLV	12000	0.77	NLV	9.2	-	0.02 U
Naphthalene	mg/L	31	-	31	0.011	1.5	31	31	0.52	31	0.2	-	0.02 U
Nitrobenzene	mg/L	ID	-	11	0.18	0.0096	550	2090	0.0034	280	2.1	-	0.012 U
N-Nitrosodi-n-propylamine	mg/L	ID	ID	0.36	-	0.005	NLV	9890	0.005	NLV	-	-	0.02 U
N-Nitrosodiphenylamine	mg/L	ID	ID	35	-	1.1	NLV	35.1	0.27	NLV	-	-	0.02 U
Pentachlorophenol	mg/L	ID	ID	0.2	0.0028	0.001	NLV	1850	0.001	NLV	0.022	-	0.02 U
Phenanthrene	mg/L	ID	ID	1	0.002	0.15	1	1	0.052	1	0.0094	0.0013 J	0.008 U
Phenol	mg/L	ID	-	29000	0.45	13	NLV	82800	4.4	NLV	6.8	-	0.086
Pyrene	mg/L	ID	ID	0.14	ID	0.14	0.14	0.135	0.14	0.14	ID	0.0018 J	0.02 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-8 WG-17303-030806-NR-0955 03/08/2006	PAOC 18 IW-42 GW-17303-012804-MM-282 01/28/2004	PAOC 18 IW-44 WG-17303-030806-NR-0957 03/08/2006	PAOC 18 IW-46 WG-17303-030806-NR-0956 03/08/2006	PAOC 18 MW-6 WG-17303-030806-NR-0958 03/08/2006	PAOC 18 MW18-07 WG-17303-030806-LA-0960 03/08/2006	PAOC 18 MW-18-45 WG-17303-030806-NR-0959 03/08/2006	PAOC 19 BH7-99 W-1190511-111899-SN-019 11/18/1999	PAOC 19 BH8-99 W-1190511-111899-SN-018 11/18/1999	PAOC 19 GS-7 WG-17303-031006-NR-0954 03/10/2006
	Units										
SVOCs											
1,4-Dioxane	mg/L	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2,4,6-Trichlorophenol	mg/L	0.004 U	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	-	0.004 U
2,4-Dichlorophenol	mg/L	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	-	-	0.01 U
2,4-Dimethylphenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2,4-Dinitrophenol	mg/L	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2-Chloronaphthalene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 UJ
2-Chlorophenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2-Methylnaphthalene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2-Methylphenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
2-Nitroaniline	mg/L	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	0.02 U
2-Nitrophenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
3&4-Methylphenol	mg/L										
3,3'-Dichlorobenzidine	mg/L	0.004 U	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	-	0.004 U
3-Nitroaniline	mg/L	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 UJ
4-Chloro-3-methylphenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
4-Chloroaniline	mg/L	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	-	-	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 UJ
4-Methylphenol	mg/L	0.005 U	0.012	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
4-Nitroaniline	mg/L	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	0.02 U
4-Nitrophenol	mg/L	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	-	0.02 U
Acenaphthene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Acenaphthylene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 UJ
Acetophenone	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Anthracene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Atrazine	mg/L	0.003 U	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	-	-	0.003 U
Benzaldehyde	mg/L	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	-	-	0.01 U
Benzo(a)anthracene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Benzo(a)pyrene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Benzo(b)fluoranthene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Benzo(g,h,i)perylene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Benzo(k)fluoranthene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Biphenyl (1,1-Biphenyl)	mg/L	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	-	-	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	0.001 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0012 J	0.002 U	0.005 U
Butyl benzylphthalate (BBP)	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Caprolactam	mg/L	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	-	-	0.01 U
Carbazole	mg/L	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	-	-	0.01 U
Chrysene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Dibenz(a,h)anthracene	mg/L	0.002 U	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	-	0.002 U
Dibenzofuran	mg/L	0.004 U	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	-	0.004 UJ
Diethyl phthalate	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0027	0.002 U	0.005 U
Dimethyl phthalate	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Di-n-butylphthalate (DBP)	mg/L	0.005 U	0.0004 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Di-n-octyl phthalate (DnOP)	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Fluoranthene	mg/L	0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0021 U	0.002 U	0.001 U
Fluorene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Hexachlorobenzene	mg/L	0.0002 U	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	0.0002 UJ
Hexachlorobutadiene	mg/L	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	0.001 U
Hexachlorocyclopentadiene	mg/L	0.005 U	-	0.005 U	0.005 U	R	0.005 U	0.005 U	-	-	R

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-8 WG-17303-030806-NR-0955 03/08/2006	PAOC 18 IW-42 GW-17303-012804-MM-282 01/28/2004	PAOC 18 IW-44 WG-17303-030806-NR-0957 03/08/2006	PAOC 18 IW-46 WG-17303-030806-NR-0956 03/08/2006	PAOC 18 MW-6 WG-17303-030806-NR-0958 03/08/2006	PAOC 18 MW18-07 WG-17303-030806-LA-0960 03/08/2006	PAOC 18 MW-18-45 WG-17303-030806-NR-0959 03/08/2006	PAOC 19 BH7-99 W-1190511-111899-SN-019 11/18/1999	PAOC 19 BH8-99 W-1190511-111899-SN-018 11/18/1999	PAOC 19 GS-7 WG-17303-031006-NR-0954 03/10/2006
	Units										
Hexachloroethane	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Indeno(1,2,3-cd)pyrene	mg/L	0.002 U	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0021 U	0.002 U	0.002 U
Isophorone	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Naphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.00063 J	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Nitrobenzene	mg/L	0.003 U	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	-	-	0.003 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 UJ
Pentachlorophenol	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 UJ	0.005 U	0.005 U	-	-	0.005 U
Phenanthrene	mg/L	0.002 U	0.005 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0021 U	0.002 U	0.002 U
Phenol	mg/L	0.005 U	0.0013 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Pyrene	mg/L	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0021 U	0.002 U	0.005 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
		MW-4	MW-4	MW-12	MW-14	MW19-01	MW19-02	MW19-02	MW19-02	MW19-03	MW19-07
		WG-17303-030906-NR-0973	WG-17303-030807-JJ-009	WG-17303-030807-NRS-012	WG-17303-030706-NR-0949	WG-17303-030706-LA-0945	WG-17303-030706-AB-0947	WG-17303-030706-NRS-021	WG-17303-030907-NRS-022	WG-17303-030706-NR-0946	WG-17303-030706-LA-0944
		03/09/2006	03/08/2007	03/08/2007	03/07/2006	03/07/2006	03/07/2006	03/09/2007	03/09/2007	03/07/2006	03/07/2006
									Duplicate		
SVOCs											
1,4-Dioxane	mg/L	-	0.001 U	0.001 U	-	-	-	0.001 U	0.001 U	-	-
1-Methylnaphthalene	mg/L	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	0.004 U	-	-	0.004 U	0.004 U	0.004 U	-	-	0.004 U	0.004 U
2,4-Dichlorophenol	mg/L	0.01 U	-	-	0.01 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	0.02 U	-	-	0.02 U	0.02 U	0.02 U	-	-	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2-Chlorophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2-Methylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
2-Nitroaniline	mg/L	0.02 U	-	-	0.02 U	0.02 U	0.02 U	-	-	0.02 U	0.02 U
2-Nitrophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
3&4-Methylphenol	mg/L										
3,3'-Dichlorobenzidine	mg/L	0.004 U	-	-	0.004 U	0.004 U	0.004 U	-	-	0.004 U	0.004 U
3-Nitroaniline	mg/L	0.02 U	-	-	0.02 U	0.02 U	0.02 U	-	-	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	-	-	0.02 U	0.02 U	0.02 U	-	-	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
4-Chloroaniline	mg/L	0.01 U	-	-	0.01 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
4-Methylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
4-Nitroaniline	mg/L	0.02 U	-	-	0.02 U	0.02 U	0.02 U	-	-	0.02 U	0.02 U
4-Nitrophenol	mg/L	0.02 U	-	-	0.02 U	0.02 U	0.02 U	-	-	0.02 U	0.02 U
Acenaphthene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Acenaphthylene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Acetophenone	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Anthracene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Atrazine	mg/L	0.003 U	-	-	0.003 U	0.003 U	0.003 U	-	-	0.003 U	0.003 U
Benzaldehyde	mg/L	0.01 U	-	-	0.01 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Benzo(a)pyrene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Benzo(b)fluoranthene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Benzo(g,h,i)perylene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Benzo(k)fluoranthene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Biphenyl (1,1-Biphenyl)	mg/L	0.01 U	-	-	0.01 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Butyl benzylphthalate (BBP)	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Caprolactam	mg/L	0.01 U	-	-	0.01 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U
Carbazole	mg/L	0.01 U	-	-	0.01 U	0.01 U	0.01 U	-	-	0.01 U	0.01 U
Chrysene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Dibenz(a,h)anthracene	mg/L	0.002 U	-	-	0.002 U	0.002 U	0.002 U	-	-	0.002 U	0.002 U
Dibenzofuran	mg/L	0.004 U	-	-	0.004 U	0.004 U	0.004 U	-	-	0.004 U	0.004 U
Diethyl phthalate	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Dimethyl phthalate	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Di-n-butylphthalate (DBP)	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Di-n-octyl phthalate (DnOP)	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Fluoranthene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Fluorene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Hexachlorobenzene	mg/L	0.0002 U	-	-	0.0002 U	0.0002 U	0.0002 U	-	-	0.0002 U	0.0002 U
Hexachlorobutadiene	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U
Hexachlorocyclopentadiene	mg/L	R	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-4 WG-17303-030906-NR-0973 03/09/2006	PAOC 19 MW-4 WG-17303-030807-JJ-009 03/08/2007	PAOC 19 MW-12 WG-17303-030807-NRS-012 03/08/2007	PAOC 19 MW-14 WG-17303-030706-NR-0949 03/07/2006	PAOC 19 MW19-01 WG-17303-030706-LA-0945 03/07/2006	PAOC 19 MW19-02 WG-17303-030706-AB-0947 03/07/2006	PAOC 19 MW19-02 WG-17303-030907-NRS-021 03/09/2007	PAOC 19 MW19-02 WG-17303-030907-NRS-022 03/09/2007 Duplicate	PAOC 19 MW19-03 WG-17303-030706-NR-0946 03/07/2006	PAOC 19 MW19-07 WG-17303-030706-LA-0944 03/07/2006
Hexachloroethane	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Indeno(1,2,3-cd)pyrene	mg/L	0.002 U	-	-	0.002 U	0.002 U	0.002 U	-	-	0.002 U	0.002 U
Isophorone	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Naphthalene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Nitrobenzene	mg/L	0.003 U	-	-	0.003 U	0.003 U	0.003 U	-	-	0.003 U	0.003 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Phenanthrene	mg/L	0.002 U	-	-	0.002 U	0.002 U	0.002 U	-	-	0.002 U	0.002 U
Phenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U
Pyrene	mg/L	0.005 U	-	-	0.005 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		MW19-24	IW-9	IW-12	IW-12	IW-20	IW-33	MW19-09	MW19-09	MW19-10
Sample ID:		WG-17303-030706-AB-0948	WG-17303-030906-EV-0963	WG-17303-030906-NR-0965	WG-17303-030906-EV-0961	WG-17303-030907-EV-024	WG-17303-061605-DR-0792	WG-17303-031006-EV-0962	WG-17303-061605-DR-0794	WG-17303-061605-DR-0795
Sample Date:		03/07/2006	03/09/2006	03/09/2006	03/09/2006	03/09/2007	06/16/2005	03/10/2006	06/16/2005	06/16/2005
Sample Type:				Duplicate						Duplicate
Parameter:	Units									
SVOCs										
1,4-Dioxane	mg/L	-	-	-	-	0.001 U	-	-	-	-
1-Methylnaphthalene	mg/L	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	-	0.004 U	0.004 U	0.004 U	0.004 U
2,4-Dichlorophenol	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.012	0.0021 J	0.005 U	0.005 U
2,4-Dinitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U
2-Chlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	0.005 U	0.00069 J	0.00066 J	0.005 U	-	0.0038 J	0.005 UJ	0.005 U	0.0012 J
2-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.0034 J	0.005 U	0.005 U	0.005 U
2-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U
2-Nitrophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
3&4-Methylphenol	mg/L									
3,3'-Dichlorobenzidine	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	-	0.004 U	R	0.004 U	0.004 U
3-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
4-Chloroaniline	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U
4-Methylphenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.0048 J#	0.005 U	0.005 U	0.00077 J#
4-Nitroaniline	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U
4-Nitrophenol	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U
Acenaphthene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
Acenaphthylene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U
Acetophenone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
Anthracene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U
Atrazine	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	-	0.003 U	0.003 U	0.003 U	0.003 U
Benzaldehyde	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	-	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 UJ	0.001 U	0.001 U
Benzo(a)pyrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
Benzo(b)fluoranthene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
Benzo(g,h,i)perylene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
Benzo(k)fluoranthene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
Biphenyl (1,1-Biphenyl)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	-	0.00074 J	0.01 U	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
bis(2-Chloroethyl)ether	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.005 U	0.00092 J	0.0031 J	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
Butyl benzylphthalate (BBP)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
Caprolactam	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	-	0.009 J	0.01 U	0.01 UJ	0.01 U
Carbazole	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	-	0.00046 J	0.01 U	0.01 U	0.01 U
Chrysene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 UJ	0.001 U	0.001 U
Dibenz(a,h)anthracene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	-	0.002 U	0.002 U	0.002 U	0.002 U
Dibenzofuran	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	-	0.004 U	0.004 UJ	0.004 U	0.004 U
Diethyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.00081 J	0.005 U	0.005 U	0.0012 J
Dimethyl phthalate	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U
Di-n-butylphthalate (DBP)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.00065 J	0.005 U	0.005 U	0.021 ^d
Di-n-octyl phthalate (DnOP)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.0011 J	0.005 U
Fluoranthene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 UJ	0.001 U	0.001 U
Fluorene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.00039 J	0.005 U	0.005 U	0.005 U
Hexachlorobenzene	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Hexachlorobutadiene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
Hexachlorocyclopentadiene	mg/L	0.005 U	R	R	R	-	0.005 U	R	R	R

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		MW19-24	IW-9	IW-9	IW-12	IW-12	IW-20	IW-33	MW19-09	MW19-09	MW19-10
Sample ID:		WG-17303-030706-AB-0948	WG-17303-030906-EV-0963	WG-17303-030906-NR-0965	WG-17303-030906-EV-0961	WG-17303-030907-EV-024	WG-17303-061605-DR-0792	WG-17303-031006-EV-0962	WG-17303-061605-DR-0794	WG-17303-061605-DR-0795	WG-17303-061605-DR-0793
Sample Date:		03/07/2006	03/09/2006	03/09/2006	03/09/2006	03/09/2007	06/16/2005	03/10/2006	06/16/2005	06/16/2005	06/16/2005
Sample Type:				Duplicate						Duplicate	
Parameter:	Units										
Hexachloroethane	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Indeno(1,2,3-cd)pyrene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Isophorone	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.005 U	0.023 ^d	0.022 ^d	0.005 U	-	0.019 ^d	0.005 UJ	0.005 U	0.005 U	0.014 ^d
Nitrobenzene	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
N-Nitrosodi-n-propylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	0.002 U	0.0007 J	0.00083 J	0.002 U	-	0.00047 J	0.002 U	0.002 U	0.002 U	0.002 U
Phenol	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Pyrene	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 UJ	0.005 U	0.005 U	0.005 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 MW19-25 WG-17303-061605-DR-0796 06/16/2005	PAOC 29 BH10-99 W-1190511-111899-SN-017 11/18/1999	PAOC 29 BH11-99 W-1190511-111899-SN-016 11/18/1999	PAOC 29 GS-3 WG-17303-031006-EV-0950 03/10/2006	PAOC 29 GS-4 WG-17303-031006-EV-0951 03/10/2006	PAOC 29 MW-18-46 MW-18-46 12/19/1996	PAOC 29 MW-18-46 MW-18-46 03/01/1997	PAOC 29 MW19-12 WG-17303-030906-LA-0964 03/09/2006	PAOC 29 MW19-12 WG-17303-030906-LA-0966 03/09/2006 Duplicate	PAOC 29 MW19-12 WG-17303-030707-DR-003 03/07/2007	PAOC 29 MW19-14 GW-17303-012904-MM-290 01/29/2004	PAOC 29 MW19-14 GW-17303-012904-MM-291 01/29/2004 Duplicate
SVOCs	Units												
1,4-Dioxane	mg/L	-	-	-	-	-	-	-	-	-	0.001 U	-	-
1-Methylnaphthalene	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2,4,5-Trichlorophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2,4,6-Trichlorophenol	mg/L	0.004 U	-	-	0.004 U	0.004 U	-	-	0.004 U	0.004 U	-	-	-
2,4-Dichlorophenol	mg/L	0.01 UJ	-	-	0.01 U	0.01 U	-	-	0.01 U	0.01 U	-	-	-
2,4-Dimethylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2,4-Dinitrophenol	mg/L	0.02 U	-	-	0.02 U	0.02 U	-	-	0.02 U	0.02 U	-	-	-
2,4-Dinitrotoluene	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2,6-Dinitrotoluene	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2-Chloronaphthalene	mg/L	0.005 U	-	-	0.005 UJ	0.005 UJ	-	-	0.005 U	0.005 U	-	-	-
2-Chlorophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2-Methylnaphthalene	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2-Methylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
2-Nitroaniline	mg/L	0.02 U	-	-	0.02 U	0.02 U	-	-	0.02 U	0.02 U	-	-	-
2-Nitrophenol	mg/L	0.005 UJ	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
3&4-Methylphenol	mg/L												
3,3'-Dichlorobenzidine	mg/L	0.004 U	-	-	0.004 U	0.004 U	-	-	0.004 U	0.004 U	-	-	-
3-Nitroaniline	mg/L	0.02 U	-	-	0.02 U	0.02 U	-	-	0.02 U	0.02 U	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	0.02 U	-	-	0.02 U	0.02 U	-	-	0.02 U	0.02 U	-	-	-
4-Bromophenyl phenyl ether	mg/L	0.005 U	-	-	0.005 UJ	0.005 UJ	-	-	0.005 U	0.005 U	-	-	-
4-Chloro-3-methylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
4-Chloroaniline	mg/L	0.01 U	-	-	0.01 U	0.01 U	-	-	0.01 U	0.01 U	-	-	-
4-Chlorophenyl phenyl ether	mg/L	0.005 U	-	-	0.005 UJ	0.005 UJ	-	-	0.005 U	0.005 U	-	-	-
4-Methylphenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
4-Nitroaniline	mg/L	0.02 U	-	-	0.02 U	0.02 U	-	-	0.02 U	0.02 U	-	-	-
4-Nitrophenol	mg/L	0.02 U	-	-	0.02 U	0.02 U	-	-	0.02 U	0.02 U	-	-	-
Acenaphthene	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Acenaphthylene	mg/L	0.005 U	-	-	0.005 UJ	0.005 UJ	-	-	0.005 U	0.005 U	-	-	-
Acetophenone	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Anthracene	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Atrazine	mg/L	0.003 U	-	-	0.003 U	0.003 U	-	-	0.003 U	0.003 U	-	-	-
Benzaldehyde	mg/L	0.01 U	-	-	0.01 U	0.01 U	-	-	0.01 U	0.01 U	-	-	-
Benzo(a)anthracene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	0.0043 ^b	U	0.001 U	0.001 U	-	-	-
Benzo(a)pyrene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	-	-	-
Benzo(b)fluoranthene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	0.0062 ^{cgh}	U	0.001 U	0.001 U	-	-	-
Benzo(g,h,i)perylene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	-	-	-
Benzo(k)fluoranthene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	-	-	-
Biphenyl (1,1-Biphenyl)	mg/L	0.01 U	-	-	0.01 U	0.01 U	-	-	0.01 U	0.01 U	-	-	-
bis(2-Chloroethoxy)methane	mg/L	0.005 UJ	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
bis(2-Chloroethyl)ether	mg/L	0.001 U	-	-	0.001 U	0.001 U	-	-	0.001 U	0.001 U	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.005 U	0.0021	0.002 U	0.005 U	0.005 U	-	-	0.005 U	0.002 J	-	-	-
Butyl benzylphthalate (BBP)	mg/L	0.005 U	-	-	0.00074 J	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Caprolactam	mg/L	0.01 UJ	-	-	0.01 U	0.01 U	-	-	0.01 U	0.01 U	-	-	-
Carbazole	mg/L	0.01 U	-	-	0.01 U	0.01 U	-	-	0.01 U	0.01 U	-	-	-
Chrysene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	-	-	0.001 U	0.001 U	-	-	-
Dibenz(a,h)anthracene	mg/L	0.002 U	-	-	0.002 U	0.002 U	-	-	0.002 U	0.002 U	-	-	-
Dibenzofuran	mg/L	0.004 U	-	-	0.004 UJ	0.004 UJ	-	-	0.004 U	0.004 U	-	-	-
Diethyl phthalate	mg/L	0.005 U	0.0018 J	0.002 U	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Dimethyl phthalate	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Di-n-butylphthalate (DBP)	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Fluoranthene	mg/L	0.001 U	0.002 U	0.002 U	0.001 U	0.001 U	0.014 ^d	U	0.001 U	0.001 U	-	0.005 U	0.005 U
Fluorene	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Hexachlorobenzene	mg/L	0.0002 U	-	-	0.0002 UJ	0.0002 UJ	-	-	0.0002 U	0.0002 U	-	-	-
Hexachlorobutadiene	mg/L	0.001 UJ	-	-	0.001 U	0.001 U	-	-	0.001 U	0.001 U	-	-	-
Hexachlorocyclopentadiene	mg/L	R	-	-	R	R	-	-	R	R	-	-	-

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 MW19-25 WG-17303-061605-DR-0796 06/16/2005	PAOC 29 BH10-99 W-1190511-111899-SN-017 11/18/1999	PAOC 29 BH11-99 W-1190511-111899-SN-016 11/18/1999	PAOC 29 GS-3 WG-17303-031006-EV-0950 03/10/2006	PAOC 29 GS-4 WG-17303-031006-EV-0951 03/10/2006	PAOC 29 MW-18-46 12/19/1996	PAOC 29 MW-18-46 03/01/1997	PAOC 29 MW19-12 WG-17303-030906-LA-0964 03/09/2006	PAOC 29 MW19-12 WG-17303-030906-LA-0966 03/09/2006 Duplicate	PAOC 29 MW19-12 WG-17303-030707-DR-003 03/07/2007	PAOC 29 MW19-14 GW-17303-012904-MM-290 01/29/2004	PAOC 29 MW19-14 GW-17303-012904-MM-291 01/29/2004 Duplicate
Hexachloroethane	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	-	0.002 U	0.002 U	-	-	-
Isophorone	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Naphthalene	mg/L	0.005 UJ	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	0.005 U	0.005 U
Nitrobenzene	mg/L	0.003 UJ	-	-	0.003 U	0.003 U	-	-	0.003 U	0.003 U	-	-	-
N-Nitrosodi-n-propylamine	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
N-Nitrosodiphenylamine	mg/L	0.005 U	-	-	0.005 UJ	0.005 UJ	-	-	0.005 U	0.005 U	-	-	-
Pentachlorophenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Phenanthrene	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.015 ^{dj}	U	0.002 U	0.00087 J	-	0.005 U	0.005 U
Phenol	mg/L	0.005 U	-	-	0.005 U	0.005 U	-	-	0.005 U	0.005 U	-	-	-
Pyrene	mg/L	0.005 U	0.002 U	0.002 U	0.005 U	0.005 U	0.012	U	0.005 U	0.005 U	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-15 GW-17303-012804-MM-284 01/28/2004	Unknown TP-A30-DRM W-17303-061405-BW-0778 06/14/2005	PAOC 19 DMW1 GW-17303-042412-CB-315 04/24/2012	PAOC 19 DMW2 GW-17303-042412-CB-314 04/24/2012	PAOC 19 MW19-11 GW-17303-021312-CB-044 02/13/2012	PAOC 29 MW19-12 GW-17303-021412-CB-048 02/14/2012	PAOC 19 MW19-23 GW-17303-021412-CB-050 02/14/2012	PAOC 19 MW19-29 GW-17303-093011-CB-042 09/30/2011	PAOC 19 MW19-29 GW-17303-093011-CB-043 09/30/2011 Duplicate	PAOC 19 MW19-30 GW-17303-093011-CB-045 09/30/2011	PAOC 19 MW19-31 GW-17303-093011-CB-044 09/30/2011
SVOCs	Units											
1,4-Dioxane	mg/L	-	-	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene	mg/L	-	-	--	--	--	--	--	--	--	--	--
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2,4,5-Trichlorophenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2,4,6-Trichlorophenol	mg/L	-	9.9 U	0.004 U	0.0043 U	0.0043 U	0.0041 U	0.0044 U	0.0039 U	0.0038 U	0.0038 U	0.0038 U
2,4-Dichlorophenol	mg/L	-	25 U	0.01 U	0.011 U	0.011 U	0.01 U	0.011 U	0.0098 U	0.0095 U	0.0095 U	0.0095 U
2,4-Dimethylphenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2,4-Dinitrophenol	mg/L	-	50 U	0.02 U	0.021 U	0.021 U	0.021 U	0.022 U	0.02 U	0.019 U	0.019 U	0.019 U
2,4-Dinitrotoluene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2,6-Dinitrotoluene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2-Chloronaphthalene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2-Chlorophenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.00086 J	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2-Methylnaphthalene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2-Methylphenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
2-Nitroaniline	mg/L	-	50 U	0.02 U	0.021 U	0.021 U	0.021 U	0.022 U	0.02 U	0.019 U	0.019 U	0.019 U
2-Nitrophenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
3&4-Methylphenol	mg/L			0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
3,3'-Dichlorobenzidine	mg/L	-	9.9 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	R	0.00095 U
3-Nitroaniline	mg/L	-	50 U	0.02 U	0.021 U	0.021 U	0.021 U	0.022 U	0.02 U	0.019 U	0.019 U	0.019 U
4,6-Dinitro-2-methylphenol	mg/L	-	50 U	0.02 U	0.021 U	0.021 U	0.021 U	0.022 U	0.02 U	0.019 U	0.019 U	0.019 U
4-Bromophenyl phenyl ether	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
4-Chloro-3-methylphenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
4-Chloroaniline	mg/L	-	25 U	0.01 U	0.011 U	0.011 U	0.01 U	0.011 U	0.0098 U	0.0095 U	0.0095 U	0.0095 U
4-Chlorophenyl phenyl ether	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
4-Methylphenol	mg/L	-	12 U	--	--	--	--	--	--	--	--	--
4-Nitroaniline	mg/L	-	50 U	0.02 U	0.021 U	0.021 U	0.021 U	0.022 U	0.02 U	0.019 U	0.019 U	0.019 U
4-Nitrophenol	mg/L	-	50 U	0.02 U	0.021 U	0.021 U	0.021 U	0.022 U	0.02 U	0.019 U	0.019 U	0.019 U
Acenaphthene	mg/L	0.005 U	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Acenaphthylene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Acetophenone	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0014 J	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Anthracene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Atrazine	mg/L	-	7.4 U	0.003 U	0.0032 U	0.0032 U	0.0031 U	0.0033 U	0.0029 U	0.0029 U	0.0029 U	0.0029 U
Benzaldehyde	mg/L	-	25 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Benzo(a)anthracene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Benzo(a)pyrene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Benzo(b)fluoranthene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Benzo(g,h,i)perylene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Benzo(k)fluoranthene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Biphenyl (1,1-Biphenyl)	mg/L	-	25 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
bis(2-Chloroethoxy)methane	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
bis(2-Chloroethyl)ether	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Butyl benzylphthalate (BBP)	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Caprolactam	mg/L	-	25 U	0.01 U	0.011 U	0.011 U	0.01 U	0.011 U	0.0098 U	0.0095 U	0.0095 U	0.0095 U
Carbazole	mg/L	0.01 U	25 U	0.01 U	0.011 U	0.011 U	0.01 U	0.011 U	0.0098 U	0.0095 U	0.0095 U	0.0095 U
Chrysene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Dibenz(a,h)anthracene	mg/L	-	5 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.002 U	0.0019 U	0.0019 U	0.0019 U
Dibenzofuran	mg/L	0.005 U	9.9 U	0.004 U	0.0043 U	0.0043 U	0.0041 U	0.0044 U	0.0039 U	0.0038 U	0.0038 U	0.0038 U
Diethyl phthalate	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Dimethyl phthalate	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Di-n-butylphthalate (DBP)	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Di-n-octyl phthalate (DnOP)	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Fluoranthene	mg/L	0.005 U	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Fluorene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U
Hexachlorobenzene	mg/L	-	0.5 U	0.0002 U	0.00021 U	0.00021 U	0.00021 U	0.00022 U	0.0002 U	0.00019 U	0.00019 U	0.00019 U
Hexachlorobutadiene	mg/L	-	2.5 U	0.001 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.00098 U	0.00095 U	0.00095 U	0.00095 U
Hexachlorocyclopentadiene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	PAOC 29 MW19-15 GW-17303-012804-MM-284 01/28/2004	Unknown TP-A30-DRM W-17303-061405-BW-0778 06/14/2005	PAOC 19 DMW1 GW-17303-042412-CB-315 04/24/2012	PAOC 19 DMW2 GW-17303-042412-CB-314 04/24/2012	PAOC 19 MW19-11 GW-17303-021312-CB-044 02/13/2012	PAOC 29 MW19-12 GW-17303-021412-CB-048 02/14/2012	PAOC 19 MW19-23 GW-17303-021412-CB-050 02/14/2012	PAOC 19 MW19-29 GW-17303-093011-CB-042 09/30/2011	PAOC 19 MW19-29 GW-17303-093011-CB-043 09/30/2011 Duplicate	PAOC 19 MW19-30 GW-17303-093011-CB-045 09/30/2011	PAOC 19 MW19-31 GW-17303-093011-CB-044 09/30/2011
Hexachloroethane	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U
Indeno(1,2,3-cd)pyrene	mg/L	-	5 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.002 U	0.0019 U	0.0019 U
Isophorone	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U
Naphthalene	mg/L	0.0042 J	12 U	0.0051 U	0.0053 U	0.00018 J	0.00023 J	0.0055 U	0.0049 U	0.0048 U	0.0048 U
Nitrobenzene	mg/L	-	7.4 U	0.003 U	0.0032 U	0.0032 U	0.0031 U	0.0033 U	0.0029 U	0.0029 U	0.0029 U
N-Nitrosodi-n-propylamine	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U
N-Nitrosodiphenylamine	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U
Pentachlorophenol	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U
Phenanthrene	mg/L	0.005 U	5 U	0.002 U	0.0021 U	0.0021 U	0.0021 U	0.0022 U	0.002 U	0.0019 U	0.0019 U
Phenol	mg/L	-	7.2 J ^{dhj}	0.0051 U	0.0053 U	0.0053 U	0.0007 J	0.0055 U	0.0049 U	0.0048 U	0.0048 U
Pyrene	mg/L	-	12 U	0.0051 U	0.0053 U	0.0053 U	0.0052 U	0.0055 U	0.0049 U	0.0048 U	0.0048 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-32 GW-17303-022212-CB-067 02/22/2012	PAOC 19 MW19-33 GW-17303-022212-CB-066 02/22/2012	PAOC 19 MW19-34 GW-17303-022212-CB-064 02/22/2012	PAOC 19 MW19-34 GW-17303-022212-CB-065 02/22/2012 Duplicate
	Units				
SVOCs					
1,4-Dioxane	mg/L	--	--	--	--
1-Methylnaphthalene	mg/L	--	--	--	--
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2,4,5-Trichlorophenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2,4,6-Trichlorophenol	mg/L	0.0043 U	0.0042 U	0.0043 U	0.0043 U
2,4-Dichlorophenol	mg/L	0.011 U	0.01 U	0.011 U	0.011 U
2,4-Dimethylphenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2,4-Dinitrophenol	mg/L	0.022 U	0.021 U	0.022 U	0.022 U
2,4-Dinitrotoluene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2,6-Dinitrotoluene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2-Chloronaphthalene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2-Chlorophenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2-Methylnaphthalene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2-Methylphenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
2-Nitroaniline	mg/L	0.022 U	0.021 U	0.022 U	0.022 U
2-Nitrophenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
3&4-Methylphenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
3,3'-Dichlorobenzidine	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
3-Nitroaniline	mg/L	0.022 U	0.021 U	0.022 U	0.022 U
4,6-Dinitro-2-methylphenol	mg/L	0.022 U	0.021 U	0.022 U	0.022 U
4-Bromophenyl phenyl ether	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
4-Chloro-3-methylphenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
4-Chloroaniline	mg/L	0.011 U	0.01 U	0.011 U	0.011 U
4-Chlorophenyl phenyl ether	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
4-Methylphenol	mg/L	--	--	--	--
4-Nitroaniline	mg/L	0.022 U	0.021 U	0.022 U	0.022 U
4-Nitrophenol	mg/L	0.022 U	0.021 U	0.022 U	0.022 U
Acenaphthene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Acenaphthylene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Acetophenone	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Anthracene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Atrazine	mg/L	0.0032 U	0.0031 U	0.0032 U	0.0032 U
Benzaldehyde	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Benzo(a)anthracene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Benzo(a)pyrene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Benzo(b)fluoranthene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Benzo(g,h,i)perylene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Benzo(k)fluoranthene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Biphenyl (1,1-Biphenyl)	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
bis(2-Chloroethoxy)methane	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
bis(2-Chloroethyl)ether	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Butyl benzylphthalate (BBP)	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Caprolactam	mg/L	0.011 U	0.01 U	0.011 U	0.011 U
Carbazole	mg/L	0.011 U	0.01 U	0.011 U	0.011 U
Chrysene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Dibenz(a,h)anthracene	mg/L	0.0022 U	0.0021 U	0.0022 U	0.0022 U
Dibenzofuran	mg/L	0.0043 U	0.0042 U	0.0043 U	0.0043 U
Diethyl phthalate	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Dimethyl phthalate	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Di-n-butylphthalate (DBP)	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Di-n-octyl phthalate (DnOP)	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Fluoranthene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Fluorene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Hexachlorobenzene	mg/L	0.00022 U	0.00021 U	0.00022 U	0.00022 U
Hexachlorobutadiene	mg/L	0.0011 U	0.001 U	0.0011 U	0.0011 U
Hexachlorocyclopentadiene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS - SVOCs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		MW19-32	MW19-33	MW19-34	MW19-34
Sample ID:		GW-17303-022212-CB-067	GW-17303-022212-CB-066	GW-17303-022212-CB-064	GW-17303-022212-CB-065
Sample Date:		02/22/2012	02/22/2012	02/22/2012	02/22/2012
Sample Type:					Duplicate
Parameter:	Units				
Hexachloroethane	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Indeno(1,2,3-cd)pyrene	mg/L	0.0022 U	0.0021 U	0.0022 U	0.0022 U
Isophorone	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Naphthalene	mg/L	0.0054 U	0.00014 J	0.0054 U	0.0054 U
Nitrobenzene	mg/L	0.0032 U	0.0031 U	0.0032 U	0.0032 U
N-Nitrosodi-n-propylamine	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
N-Nitrosodiphenylamine	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Pentachlorophenol	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U
Phenanthrene	mg/L	0.0022 U	0.0021 U	0.0022 U	0.0022 U
Phenol	mg/L	0.0054 U	0.0015 J	0.0054 U	0.0054 U
Pyrene	mg/L	0.0054 U	0.0052 U	0.0054 U	0.0054 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
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R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Acute Inhalation Screening Level	Flammability and Explosivity Screening Level	Groundwater Contact Criteria	Groundwater Surfacewater Interface Criteria	Nonresidential Drinking Water Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Water Solubility	Residential Drinking Water Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Final Acute Value	PAOC 29 GS-4 GW-17303-121212-CB-077 12/12/2012
Units	a	b	c	d	e	f	g	h	i	j	
Inorganics											
Aluminum	mg/L	ID	ID	64000	-	0.05	NLV	-	0.05	NLV	-
Antimony	mg/L	ID	ID	68	0.13	0.006	NLV	-	0.006	NLV	2.3
Arsenic	mg/L	ID	ID	4.3	0.01	0.01	NLV	-	0.01	NLV	0.68
Barium	mg/L	ID	ID	14000	1.87	2	NLV	-	2	NLV	10.65
Beryllium	mg/L	ID	ID	290	0.0753	0.004	NLV	-	0.004	NLV	1.355
Cadmium	mg/L	ID	ID	190	0.00612	0.005	NLV	-	0.005	NLV	0.037
Calcium	mg/L										-
Chromium	mg/L	ID	ID	290000	0.227 G,X	0.1 A	NLV		0.1 A	NLV	EXP
Chromium III (trivalent)	mg/L	ID	ID	290000	0.227 G,X	0.1 A	NLV		0.1 A	NLV	-
Chromium VI (hexavalent)	mg/L	ID	ID	460	0.011	0.1 A	NLV		0.1 A	NLV	32D
Cobalt	mg/L	ID	ID	2400	0.1	0.1	NLV	-	0.04	NLV	0.74
Copper	mg/L	ID	ID	7400	0.0287	1	NLV	-	1	NLV	0.097
Cyanide (total)	mg/L	ID	ID	57	0.0052	0.2	NLV	-	0.2	NLV	-
Iron	mg/L	ID	ID	58000	-	0.3	NLV	-	0.3	NLV	-
Iron (dissolved)	mg/L	ID	ID	58000	-	0.3	NLV	-	0.3	NLV	-
Lead	mg/L	ID	ID	ID	0.0438	0.004	NLV	-	0.004	NLV	0.779
Lead (dissolved)	mg/L	ID	ID	ID	0.0438	0.004	NLV	-	0.004	NLV	0.779
Magnesium	mg/L										-
Manganese	mg/L	ID	ID	9100	6.4	0.05	NLV	-	0.05	NLV	27.597
Manganese (dissolved)	mg/L	ID	ID	9100	6.4	0.05	NLV	-	0.05	NLV	27.597
Mercury	mg/L	ID	ID	0.056	0.0000013	0.002	0.056	0.056	0.002	0.056	2.8
Nickel	mg/L	ID	ID	74000	0.165	0.1	NLV	-	0.1	NLV	2.97
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	ID	ID	970	0.005	0.05	NLV	-	0.05	NLV	0.12
Silver	mg/L	ID	ID	1500	0.0002	0.098	NLV	-	0.034	NLV	0.0011
Sodium	mg/L	ID	ID	1000000 D		350	NLV		120	NLV	-
Thallium	mg/L	ID	ID	13	0.0037	0.002	NLV	-	0.002	NLV	0.094
Vanadium	mg/L	ID	ID	970	0.012	0.062	NLV	-	0.0045	NLV	0.22
Zinc	mg/L	ID	ID	110000	0.375	5	NLV	-	2.4	NLV	0.744

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
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J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
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R - Rejected value
U - Not present at or above the associated value
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-4 GW-17303-121212-CB-078 12/12/2012 Duplicate	PAOC 18 GS-5 WG-17303-062906-LA-010 06/29/2006	PAOC 18 GS-5 WG-17303-100306-EV-047 10/03/2006	PAOC 18 GS-5 WG-17303-120506-AF-002 12/05/2006	PAOC 18 GS-5 WG-17303-060507-EV-004 06/05/2007	PAOC 18 GS-5 WG-17303-090607-NRS-026 09/06/2007	PAOC 18 GS-5 GW-17303-120607-DR-023 12/06/2007	PAOC 18 GS-6 WG-17303-030906-LA-0953 03/09/2006	PAOC 18 GS-6 WG-17303-062906-LA-006 06/29/2006	PAOC 18 GS-6 WG-17303-100306-NRS-048 10/03/2006
Units											
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	-	0.00044 J	0.000098 J	0.00037 J	0.00026 J	0.00027 J	0.0003 J	0.0024	0.0028	0.0045
Arsenic	mg/L	-	0.0115 ^{deh}	0.0133 ^{deh}	0.0239 ^{deh}	0.0153 ^{deh}	0.0224 ^{deh}	0.0181 ^{deh}	0.0087	0.0155 ^{deh}	0.0297 ^{deh}
Barium	mg/L	-	0.551	0.46	0.416	0.836	0.978	0.908	0.174	0.119	0.555
Beryllium	mg/L	-	0.001 U	0.00037 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0013
Cadmium	mg/L	-	0.0016	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.00064 J	0.0022	0.0206 ^{deh}
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	0.0028 J	0.0024 J	0.0028 J	0.005 U	0.005 U	0.005 U	0.005	0.0018 J	0.098
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	-	0.007 U	0.007 U	0.0014 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.0138
Copper	mg/L	-	0.0047	0.0031 U	0.0024 U	0.0012 J	0.0024 U	0.0023 U	0.0051	0.0048	0.0369 ^d
Cyanide (total)	mg/L	0.010 U	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	25 ^{eh}	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	0.0064 ^{eh}	0.0036	0.0044 ^{eh}	0.003 U	0.003 U	0.003 U	0.0119 ^{eh}	0.0038	0.229 ^{deh}
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	-	0.621 ^{eh}	0.413 ^{eh}	0.589 ^{eh}	1.1 ^{eh}	0.61 ^{eh}	0.769 ^{eh}	0.228 ^{eh}	0.12 ^{eh}	0.568 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00012 J ^d	0.0002 U	0.0002 U	0.0002 U	0.00016 J ^d
Nickel	mg/L	-	0.0054 J	0.0026 J	0.0062 J	0.02 U	0.02 U	0.02 U	0.0216	0.0266	0.0504
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	0.005 U	0.005 U	0.005 U	0.00063 J	0.002 U	0.002 U	0.005 U	0.005 U	0.0055 ^d
Silver	mg/L	-	0.000097 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00011 J	0.0002 U	0.0011 ^d
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	-	0.001 U	0.000028 J	0.001 U	0.001 U	0.000027 J	0.001 U	0.001 U	0.001 U	0.00043 J
Vanadium	mg/L	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.00069 J	0.0047 ^h	0.004 U	0.0526 ^{dh}
Zinc	mg/L	-	0.0229	0.0097 J	0.0532 U	0.029	0.0206	0.0337	0.0294 U	0.0146 J	0.358

Notes:
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INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-6	GS-8	GS-8
Sample ID:		WG-17303-120506-AF-001	WG-17303-031207-EV-031	WG-17303-060507-EV-005	WG-17303-090507-DR-011	WG-17303-120507-DR-011	WG-17303-032608-CB-019	WG-17303-061908-CB-017	WG-17303-092408-CB-045	WG-17303-030806-NR-0955	WG-17303-062906-LA-011
Sample Date:		12/05/2006	03/12/2007	06/05/2007	09/05/2007	12/05/2007	03/26/2008	06/19/2008	09/24/2008	03/08/2006	06/29/2006
Sample Type:											
Parameter:		Units									
Inorganics											
Aluminum	mg/L	-	-	-	-	-	0.05 U	-	-	-	-
Antimony	mg/L	0.00071 J	0.00015 J	0.00017 J	0.002 U	0.00014 J	0.002 U	0.002 U	0.002 U	0.00059 J	0.00049 J
Arsenic	mg/L	0.005 U	0.005 U	0.0044 J	0.005 U	0.005 U	0.005 U	0.005 U	0.0038 J	0.0104 ^{deh}	0.0055
Barium	mg/L	0.057 J	0.0873 J	0.0954 J	0.0814 J	0.103	0.0653 J	0.118	0.124	0.342	0.217
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.00032 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00077 J	0.00084 J
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.0026 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0144	0.0087
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.0035 J	0.0016 J	0.007 U	0.007 U	0.007 U	0.0025 J	0.007 U	0.007 U	0.0107	0.0088
Copper	mg/L	0.0029 U	0.002 U	0.0023	0.0024 U	0.0019 J	0.002 U	0.002 U	0.002 U	0.0067	0.0086
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	1.21 ^{eh}	1.08 ^{eh}	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0275 ^{eh}	0.0092 ^{eh}
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.0855 ^{eh}	0.0669 ^{eh}	0.0652 ^{eh}	0.0577 ^{eh}	0.0374	0.0635 ^{eh}	0.054 ^{eh}	0.0364	2.36 ^{eh}	1.61 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00012 J ^d	0.0002 U	0.0002 U	0.0001 J ^d
Nickel	mg/L	0.0444	0.0173 J	0.0093 J	0.0064 J	0.0052 J	0.0155 J	0.02 U	0.02 U	0.0213	0.0144 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.00063 J	0.00074 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0048 J	0.0027 J
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.000049 J
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.000031 J	0.000037 J	0.001 U	0.001 U	0.001 U	0.001 U	0.00021 J	0.000091 J	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0197 ^{dh}	0.0091 ^h
Zinc	mg/L	0.02 U	0.01 U	0.0055 J	0.01 U	0.005 J	0.01 U	0.01 U	0.01 U	0.122 U	0.031

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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-8 WG-17303-100306-NRS-038 10/03/2006	PAOC 18 GS-8 WG-17303-120606-EV-014 12/06/2006	PAOC 18 GS-8 WG-17303-030807-DR-005 03/08/2007	PAOC 18 GS-8 WG-17303-060807-DR-032 06/08/2007	PAOC 18 GS-8 WG-17303-090607-NRS-014 09/06/2007	PAOC 18 GS-8 GW-17303-120607-DR-022 12/06/2007	PAOC 18 GS-8 WG-17303-032508-DR-004 03/25/2008	PAOC 18 GS-8 WG-17303-061908-DR-016 06/19/2008	PAOC 18 GS-8 WG-17303-092508-DR-052 09/25/2008	PAOC 18 GS-8 WG-17303-032609-CB-094 03/26/2009
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	0.28 ^{eh}	-	-	-
Antimony	mg/L	0.0003 J	0.002 U	0.00028 J	0.00022 J	0.00049 J	0.00032 J	0.002 U	0.00018 J	0.00027 J	0.00015 J
Arsenic	mg/L	0.006	0.005 U	0.005 U	0.0048 J	0.0064	0.0136 ^{deh}	0.0038 J	0.005 U	0.0049 J	0.0061
Barium	mg/L	0.207	0.18	0.199	0.177	0.184	0.193	0.167	0.122	0.175	0.19
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.000088 J	0.00011 J	0.00012 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.0021 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0023 J
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U
Cobalt	mg/L	0.0044 J	0.0063 J	0.0088	0.0056 J	0.0031 J	0.0072	0.0091	0.0034 J	0.0036 J	0.0106
Copper	mg/L	0.0037 U	0.0029 U	0.0042 U	0.0036 U	0.0038	0.0033	0.00065 J	0.002 U	0.0038	0.002
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	2.53 ^{eh}	1.41 J ^{eh}	-	4.43 ^{eh}	1.37 ^{eh}	-	-	2.61 ^{eh}
Iron (dissolved)	mg/L	-	-	0.653 ^{eh}	0.0766 J	0.052 J	0.1 U	0.47 ^{eh}	0.129	0.1 U	1.18 ^{eh}
Lead	mg/L	0.0022 J	0.003 U	0.0026 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0022 J	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	1.54 ^{eh}	2.09 ^{eh}	2.47 ^{eh}	1.93 ^{eh}	1.4 ^{eh}	1.99 ^{eh}	2.09 ^{eh}	1.29 ^{eh}	0.916 ^{eh}	1.95 ^{eh}
Manganese (dissolved)	mg/L	-	-	2.55 ^{eh}	1.94 ^{eh}	1.74 ^{eh}	1.71 ^{eh}	2.22 ^{eh}	1.18 ^{eh}	1.35 ^{eh}	2.02 ^{eh}
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0065 J	0.0083 J	0.0087 J	0.0093 J	0.0058 J	0.0088 J	0.0083 J	0.0068 J	0.0083 J	0.0103 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.0011 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.000032 J	0.001 U	0.000035 J	0.001 U	0.000054 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.0026 J	0.00095 J	0.00081 J	0.004 U	0.0015 J	0.004 U
Zinc	mg/L	0.007 J	0.02 U	0.0169 U	0.041	0.0129 U	0.0134 U	0.0054 J	0.01 U	0.01 U	0.01 U

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PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-16 GW-17303-121212-CB-079 12/12/2012	PAOC 18 IW-41 WG-17303-030807-EV-006 03/08/2007	PAOC 18 IW-41 WG-17303-042007-JJ-001 04/20/2007	PAOC 18 IW-41 WG-17303-042007-JJ-002 04/20/2007 Duplicate	PAOC 18 IW-41 WG-17303-060707-DR-031 06/07/2007	PAOC 18 IW-41 WG-17303-090507-EV-007 09/05/2007	PAOC 18 IW-41 WG-17303-120407-DR-003 12/04/2007	PAOC 18 IW-41 WG-17303-032408-DR-001 03/24/2008	PAOC 18 IW-41 WG-17303-061808-DR-005 06/18/2008	PAOC 18 IW-41 WG-17303-092508-DR-057 09/25/2008
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	0.05 U	-	-
Antimony	mg/L	-	0.00045 J	-	-	0.00032 J	0.00041 J	0.00034 J	0.00047 J	0.00033 J	0.00022 J
Arsenic	mg/L	-	0.005 U	-	-	0.005 U	0.008	0.012 ^{deh}	0.0083	0.0067	0.0099
Barium	mg/L	-	0.036 J	-	-	0.17	0.666	0.769	0.827	0.355	0.576
Beryllium	mg/L	-	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	0.0005 U	-	-	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.0017 J	0.0049 J	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	0.02 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01
Cobalt	mg/L	-	0.0015 J	-	-	0.007 U	0.0035 J	0.0019 J	0.007 U	0.007 U	0.007 U
Copper	mg/L	-	0.0033 U	-	-	0.0027 U	0.002 U	0.002 U	0.0013 J	0.0022	0.00088 J
Cyanide (total)	mg/L	0.026d	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	1.53 ^{eh}	-	-	2.71 J ^{eh}	-	16.3 ^{eh}	25.3 ^{eh}	14.3 ^{eh}	-
Iron (dissolved)	mg/L	-	1.53 ^{eh}	-	-	3.35 ^{eh}	14.4 ^{eh}	15.8 ^{eh}	27.7 ^{eh}	14.2 ^{eh}	18.1 ^{eh}
Lead	mg/L	-	0.0025 J	-	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	-	12.6 ^{deh}	-	-	8.59 ^{deh}	13.1 ^{deh}	10.3 ^{deh}	14.5 ^{deh}	10.1 ^{deh}	6.47 ^{deh}
Manganese (dissolved)	mg/L	-	12.8 ^{deh}	-	-	8.85 ^{deh}	14.2 ^{deh}	9.85 ^{deh}	14.4 ^{deh}	9.36 ^{deh}	5.69 ^{eh}
Mercury	mg/L	-	0.0002 U	-	-	0.0002 U	0.000096 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	-	0.0086 J	-	-	0.0062 J	0.0165 J	0.014 J	0.0108 J	0.0068 J	0.0101 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	-	0.0071 ^d	-	-	0.0153 ^d	0.002 U	0.002 U	0.0114 ^d	0.0076 ^d	0.002 U
Silver	mg/L	-	0.0002 U	-	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	-	0.001 U	-	-	0.001 U	0.000025 J	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	-	0.0058 ^h	-	-	0.005 ^h	0.0027 J	0.0032 J	0.004	0.0025 J	0.0022 J
Zinc	mg/L	-	0.0103 U	-	-	0.01 U	0.0151 U	0.0314	0.0052 J	0.01 U	0.01 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-41 WG-17303-032609-CB-093 03/26/2009	PAOC 18 IW-42 GW-17303-012804-MM-282 01/28/2004	PAOC 18 IW-42 GW-17303-052804-DR-357 05/28/2004	PAOC 18 IW-44 WG-17303-030806-NR-0957 03/08/2006	PAOC 18 IW-44 WG-17303-070606-EV-028 07/06/2006	PAOC 18 IW-44 WG-17303-100306-NRS-045 10/03/2006	PAOC 18 IW-44 WG-17303-120506-DK-003 12/05/2006	PAOC 18 IW-44 WG-17303-030807-DR-014 03/08/2007	PAOC 18 IW-44 WG-17303-060707-DR-026 06/07/2007	PAOC 18 IW-44 WG-17303-090507-EV-001 09/05/2007
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00048 J	0.00026 J	-	0.00031 J	0.00068 J	0.00017 J	0.00026 J	0.00033 J	0.00018 J	0.00016 J
Arsenic	mg/L	0.0041 J	-	-	0.0051	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.398	-	-	0.0234 J	0.0113 J	0.0138 J	0.0152 J	0.0145 J	0.0123 J	0.0093 J
Beryllium	mg/L	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.0043 J	0.0050 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	0.01 U	-	-	-	-	-	-	0.003 J	0.01 U	0.01 U
Cobalt	mg/L	0.0029 J	0.0070 U	-	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0024	-	-	0.0042	0.0029	0.0031 U	0.0025 U	0.003 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	0.0033 J	-	-	-	-	-	-	-	-
Iron	mg/L	19.1 ^{eh}	-	-	-	0.1 U	-	-	0.112	0.0369 J	-
Iron (dissolved)	mg/L	18.9 ^{eh}	-	-	-	0.1 U	-	-	0.1 U	0.1 U	0.1 U
Lead	mg/L	0.003	-	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	7.06 ^{deh}	-	-	9.3 ^{deh}	9.86 ^{deh}	10.8 ^{deh}	11.6 ^{deh}	11.8 ^{deh}	9.86 ^{deh}	8.72 ^{deh}
Manganese (dissolved)	mg/L	7.4 ^{deh}	-	-	-	9.51 ^{deh}	-	-	11.4 ^{deh}	7.55 ^{deh}	8.4 ^{deh}
Mercury	mg/L	0.0002 U	0.00020 U	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0094 J	-	-	0.0034 J	0.0071 J	0.0076 J	0.0074 J	0.02 U	0.0065 J	0.0059 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.0282 ^d	-	0.0015 J	0.0082 ^d	0.005 U	0.005 U	0.005 U	0.00098 J	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.00056 ^d	-	0.000052 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.00022 J	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.000026 J	0.001 U	0.000024 J
Vanadium	mg/L	0.004 U	-	-	0.0173 ^{dh}	0.0098 ^h	0.0116 ^h	0.0124 ^{dh}	0.012 ^h	0.01 ^h	0.0064 ^h
Zinc	mg/L	0.01 U	-	-	0.0296 U	0.0154 J	0.0165 J	0.02 U	0.0235 U	0.0101 U	0.01 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18 IW-44 WG-17303-120407-DR-006 12/04/2007	PAOC 18 IW-44 WG-17303-032408-DR-002 03/24/2008	PAOC 18 IW-44 WG-17303-061808-DR-002 06/18/2008	PAOC 18 IW-44 WG-17303-092508-CB-053 09/25/2008	PAOC 18 IW-44 WG-17303-032609-CB-092 03/26/2009	PAOC 18 IW-45 WG-17303-030807-DR-007 03/08/2007	PAOC 18 IW-45 WG-17303-060707-DR-029 06/07/2007	PAOC 18 IW-45 WG-17303-090507-NRS-002 09/05/2007	PAOC 18 IW-45 WG-17303-120407-DR-005 12/04/2007	PAOC 18 IW-45 WG-17303-032508-DR-006 03/25/2008
Inorganics											
Aluminum	mg/L	-	0.036 J	-	-	-	-	-	-	-	0.0414 J
Antimony	mg/L	0.002 U	0.00013 J	0.00015 J	0.00019 J	0.00013 J	0.00049 J	0.00027 J	0.002 U	0.002 U	0.002 U
Arsenic	mg/L	0.005 U	0.0135 ^{deh}	0.0149 ^{deh}	0.0219 ^{deh}	0.0164 ^{deh}	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.0114 J	0.162	0.071 J	0.346	0.335	0.0044 J	0.1 U	0.1 U	0.1 U	0.0025 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0003 J	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0003 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0026 J	0.005	0.0021 J	0.005 U	0.005 U	0.0048 J
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.004 J	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.0028 J	0.0019 J	0.0019 J	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.0009 J	0.00043 J	0.0052 U	0.0032 U	0.0031	0.0032	0.00061 J
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.1 U	0.759 ^{eh}	0.53 ^{eh}	-	1.36 ^{eh}	0.124	0.1 U	-	0.1 U	0.1 U
Iron (dissolved)	mg/L	0.1 U	0.443 ^{eh}	0.255	4.82 ^{eh}	1.46 ^{eh}	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Lead	mg/L	0.003 U	0.0021 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	9.88 ^{deh}	14.8 ^{deh}	15.9 ^{deh}	19.5 ^{deh}	8.44 ^{deh}	2.83 ^{eh}	0.576 ^{eh}	0.734 ^{eh}	5.02 ^{eh}	0.952 ^{eh}
Manganese (dissolved)	mg/L	9.45 ^{deh}	13.3 ^{deh}	14.7 ^{deh}	18.5 ^{deh}	9.02 ^{deh}	1.59 ^{eh}	0.327 ^{eh}	0.844 ^{eh}	4.88 ^{eh}	0.247 ^{eh}
Mercury	mg/L	0.0002 U	0.0002 U	0.00014 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0069 J	0.0107 J	0.0082 J	0.0187 J	0.0087 J	0.02 U	0.02 U	0.002 J	0.0045 J	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.0013 J	0.002 U	0.002 U	0.002 U	0.002 U	0.0758 ^{deh}	0.231 ^{dehj}	0.0192 ^d	0.0035	0.0299 ^d
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000061 J	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.0095 ^h	0.0085 ^h	0.0061 ^h	0.0228 ^{dh}	0.0149 ^{dh}	0.0036 J	0.004 U	0.0034 J	0.0058 ^h	0.0013 J
Zinc	mg/L	0.01 U	0.0066 J	0.01 U	0.01 U	0.0129 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0028 J

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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18 IW-45 WG-17303-061808-DR-001 06/18/2008	PAOC 18 IW-45 WG-17303-092508-CB-054 09/25/2008	PAOC 18 IW-45 WG-17303-032609-CB-089 03/26/2009	PAOC 18 IW-46 GW-17303-JH-121401-103 12/14/2001	PAOC 18 IW-46 GW-17303-011402-BN-114 01/14/2002	PAOC 18 IW-46 GW-17303-011402-BN-115 01/14/2002 Duplicate	PAOC 18 IW-46 GW-17303-031402-TJ-120 03/14/2002	PAOC 18 IW-46 GW-17303-031402-TJ-121 03/14/2002 Duplicate	PAOC 18 IW-46 GW-17303-050602-MM-127 03/06/2002	PAOC 18 IW-46 GW-072202-MM-133 07/22/2002
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00021 J	0.00022 J	0.00018 J	-	-	-	-	-	-	-
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	-	-	-	-	-	-	-
Barium	mg/L	0.0024 J	0.1 U	0.0025 J	-	-	-	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-	-
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	-	-	-	-	-	-	-
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005	-	-	-	-	-	-	-
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	0.01 U	0.01 UJ	0.01 U	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	-	-	-	-	-	-	-
Copper	mg/L	0.002 U	0.0035	0.0013 J	-	-	-	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.1 U	-	0.1 U	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	0.1 U	0.1 U	0.1 U	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	-	-	-	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.509 ^{eh}	7.35 ^{deh}	0.12 ^{eh}	0.573 ^{eh}	5.76 ^{eh}	5.47 ^{eh}	13.4 ^{deh}	15.2 ^{deh}	6.64 ^{deh}	68 ^{dehj}
Manganese (dissolved)	mg/L	0.0516 ^{eh}	9.06 ^{deh}	0.233 ^{eh}	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	-	-
Nickel	mg/L	0.02 U	0.0094 J	0.02 U	-	-	-	-	-	-	-
Potassium	mg/L	-	-	-	5.54	324	327	154	174	496	257
Selenium	mg/L	0.0341 ^d	0.0058 ^d	0.0276 ^d	-	-	-	-	-	-	-
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	-	-
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.00023 J	0.001 U	-	-	-	-	-	-	-
Vanadium	mg/L	0.0016 J	0.0037 J	0.004 U	-	-	-	-	-	-	-
Zinc	mg/L	0.01 U	0.01 U	0.01 U	-	-	-	-	-	-	-

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-46 17303-062603-HH-IW46-203 06/26/2003	PAOC 18 IW-46 17303-130803-HS-214 08/13/2003	PAOC 18 IW-46 17303-130803-HS-215 08/13/2003 Duplicate	PAOC 18 IW-46 WG-17303-030806-NR-0956 03/08/2006	PAOC 18 IW-46 WG-17303-063006-EV-018 06/30/2006	PAOC 18 IW-46 WG-17303-100506-NRS-062 10/05/2006	PAOC 18 IW-46 WG-17303-120506-DK-008 12/05/2006	PAOC 18 IW-46 WG-17303-030807-NRS-010 03/08/2007	PAOC 18 IW-46 WG-17303-060507-EV-006 06/05/2007	PAOC 18 IW-46 WG-17303-090507-DR-008 09/05/2007
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	-	-	-	0.00075 J	0.00052 J	0.0023	0.00066 J	0.00062 J	0.0004 J	0.002 U
Arsenic	mg/L	-	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	-	-	-	0.0063 J	0.0034 J	0.0044 J	0.0035 J	0.0036 J	0.0072 J	0.0115 J
Beryllium	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.00016 J
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	0.005 U	0.0086	0.0063	0.0051	0.004 J	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	-	-	-	0.007 U	0.0013 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	-	-	-	0.0032 U	0.002 U	0.0022 U	0.0026 U	0.002 U	0.0017 J	0.0021 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	0.02 U	0.02 U	-	0.1 U	-	-	-	-	-
Iron (dissolved)	mg/L	-	0.1 U	0.1 U	-	0.1 U	-	-	-	-	-
Lead	mg/L	-	-	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	33.6 ^{dehj}	0.718 ^{eh}	0.684 ^{eh}	12.3 ^{deh}	7 ^{deh}	4.24 ^{eh}	3.67 ^{eh}	0.322 ^{eh}	2.81 ^{eh}	9.28 ^{deh}
Manganese (dissolved)	mg/L	-	0.207 ^{eh}	0.324 ^{eh}	-	7.26 ^{deh}	-	-	-	-	-
Mercury	mg/L	-	-	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	-	-	-	0.0067 J	0.0071 J	0.0027 J	0.0045 J	0.02 U	0.003 J	0.0066 J
Potassium	mg/L	264	63.6	61.4	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.002 U	0.00092 J	0.00084 J
Silver	mg/L	-	-	-	0.000062 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	0.001 U	0.001 U	0.000025 J	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	-	-	-	0.0041	0.0033 J	0.0031 J	0.0032 J	0.004 U	0.0034 J	0.0025 J
Zinc	mg/L	-	-	-	0.044 U	0.02 U	0.0211	0.02 U	0.0241 U	0.0204	0.0183 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-46 WG-17303-120407-DR-002 12/04/2007	PAOC 18 IW-46 WG-17303-032508-CB-011 03/23/2008	PAOC 18 IW-46 WG-17303-061808-DR-008 06/18/2008	PAOC 18 IW-46 WG-17303-092308-CB-031 09/23/2008	PAOC 18 IW-49 GW-17303-JH-121401-104 12/14/2001	PAOC 18 IW-49 GW-17303-JH-121401-105 12/14/2001 Duplicate	PAOC 18 IW-49 GW-17303-011402-BN-116 01/14/2002	PAOC 18 IW-49 GW-17303-031402-TJ-122 03/14/2002	PAOC 18 IW-49 GW-17303-050602-MM-128 05/06/2002	PAOC 18 IW-49 GW-072202-MM-134 07/22/2002
	Units										
Inorganics											
Aluminum	mg/L	-	0.0319 J	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00056 J	0.00025 J	0.00018 J	0.002 U	-	-	-	-	-	-
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-	-	-	-	-	-
Barium	mg/L	0.0066 J	0.0076 J	0.0058 J	0.0075 J	-	-	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	-	-	-	-	-	-
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.0031 J	0.005 U	0.005 U	0.005 U	-	-	-	-	-	-
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	-	-	-	-	-	-
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.00082 J	-	-	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.1 U	0.1 U	0.196	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	-	-	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	2.66 ^{eh}	3.49 ^{eh}	8.3 ^{deh}	8.38 ^{deh}	1.02 ^{eh}	1.03 ^{eh}	9.88 ^{deh}	11.7 ^{deh}	6.39 ^{eh}	2.27 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.00016 J ^d	0.00019 J ^d	0.0002 U	-	-	-	-	-	-
Nickel	mg/L	0.0036 J	0.02 U	0.0055 J	0.0057 J	-	-	-	-	-	-
Potassium	mg/L	-	-	-	-	3.83	4.12	528	341	693	256
Selenium	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	-	-	-	-	-	-
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	-
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	-
Vanadium	mg/L	0.0056 ^h	0.0025 J	0.0024 J	0.0017 J	-	-	-	-	-	-
Zinc	mg/L	0.0266	0.0332	0.0272	0.0103	-	-	-	-	-	-

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-49 17303-062603-HH-IW49-201 06/26/2003	PAOC 18 IW-49 17303-062603-HH-IW49-202 06/26/2003 Duplicate	PAOC 18 IW-49 17303-130803-HS-213 08/13/2003	PAOC 18 IW-55 WG-17303-031507-NRS-038 03/15/2007	PAOC 18 IW-55 WG-17303-031507-NRS-039 03/15/2007 Duplicate	PAOC 18 IW-55 WG-17303-060707-EV-030 06/07/2007	PAOC 18 IW-55 WG-17303-090507-DR-003 09/05/2007	PAOC 18 IW-55 WG-17303-120407-DR-004 12/04/2007	PAOC 18 IW-55 WG-17303-032508-CB-005 03/23/2008	PAOC 18 IW-55 WG-17303-061808-DR-006 06/18/2008
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	0.111 ^{eh}	-
Antimony	mg/L	-	-	-	0.00087 J	-	0.00046 J	0.002 U	0.002 U	0.00019 J	0.002 U
Arsenic	mg/L	-	-	-	0.005 U	-	0.0087	0.0135 ^{deh}	0.0107 ^{deh}	0.0097	0.0115 ^{deh}
Barium	mg/L	-	-	-	0.0297 J	-	0.0805 J	0.147	0.0888 J	0.0969 J	0.15
Beryllium	mg/L	-	-	-	0.001 U	-	0.001 U	0.00031 J	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	-	-	0.0005 U	-	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	0.0022 J	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	0.007 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	-	-	-	0.007 U	-	0.007 U	0.002 J	0.007 U	0.007 U	0.007 U
Copper	mg/L	-	-	-	0.0067	-	0.005 U	0.0054	0.0024 U	0.003	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	0.02 U	0.126	-	3.21 J ^{eh}	-	3.99 ^{eh}	2.38 ^{eh}	4.1 ^{eh}
Iron (dissolved)	mg/L	-	-	0.1 U	0.12	0.107	3 ^{eh}	4.91 ^{eh}	3.89 ^{eh}	2.43 ^{eh}	3.31 ^{eh}
Lead	mg/L	-	-	-	0.0028 J	-	0.0025 J	0.0021 J	0.003 U	0.0048 ^{eh}	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	10.5 ^{deh}	1.54 ^{eh}	1.53 ^{eh}	15.6 ^{deh}	-	13.3 ^{deh}	10.6 ^{deh}	6.57 ^{deh}	4.73 ^{eh}	7.03 ^{deh}
Manganese (dissolved)	mg/L	-	-	0.554 ^{eh}	14.4 ^{deh}	14 ^{deh}	14.1 ^{deh}	9.42 ^{deh}	6.08 ^{eh}	5.19 ^{eh}	6.47 ^{deh}
Mercury	mg/L	-	-	-	0.0002 U	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	-	-	-	0.0081 J	-	0.0061 J	0.0072 J	0.0043 J	0.0036 J	0.02 U
Potassium	mg/L	526	484	102	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	0.002 U	-	0.002 U	0.00067 J	0.002 U	0.002 U	0.002 U
Silver	mg/L	-	-	-	0.0002 U	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	0.000027 J	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	-	-	-	0.0064 ^b	-	0.006 ^h	0.0051 ^h	0.0025 J	0.0049 ^b	0.0069 ^b
Zinc	mg/L	-	-	-	0.0276 U	-	0.01 U	0.0134 U	0.01 U	0.0138	0.01 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-55 WG-17303-092508-DR-058 09/25/2008	PAOC 18 IW-55 WG-17303-032609-CB-095 03/26/2009	PAOC 18 MW-6 MW-6 03/21/1997	PAOC 18 MW-6 WG-17303-030806-NR-0958 03/08/2006	PAOC 18 MW-6 WG-17303-063006-LR-019 06/30/2006	PAOC 18 MW-6 WG-17303-100506-NRS-063 10/05/2006	PAOC 18 MW-6 WG-17303-100506-NRS-064 10/05/2006 Duplicate	PAOC 18 MW-6 WG-17303-120606-AF-013 12/06/2006	PAOC 18 MW-6 WG-17303-030807-EV-017 03/08/2007	PAOC 18 MW-6 WG-17303-060507-DR-008 06/05/2007
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.002 U	0.00023 J	-	0.00013 J	0.00052 J	0.0006 J	0.00027 J	0.002 U	0.00013 J	0.00017 J
Arsenic	mg/L	0.0101 ^{deh}	0.008	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.0906 J	0.127	-	0.126	0.113	0.125	0.124	0.115	0.122	0.115
Beryllium	mg/L	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	0.01 U	0.01 U	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	-	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0015 J	0.00084 J	-	0.0036	0.002 U	0.0024 U	0.0021 U	0.002 U	0.0031 U	0.0023 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	0.432 ^{eh}	-	-	7.31 ^{eh}	-	-	-	-	-
Iron (dissolved)	mg/L	2.31 ^{eh}	0.338 ^{eh}	-	-	6.76 ^{eh}	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.0050 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	0.0050 U	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	5.98 ^{eh}	3.75 ^{eh}	-	0.342 ^{eh}	0.347 ^{eh}	0.345 ^{eh}	0.338 ^{eh}	0.299 ^{eh}	0.352 ^{eh}	0.326 ^{eh}
Manganese (dissolved)	mg/L	5.93 ^{eh}	3.62 ^{eh}	-	-	0.324 ^{eh}	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	-	0.0002 U	0.0001 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	-	0.005 U	0.003 J	0.005 U	0.005 U	0.005 U	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.0002 U	-	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.0051 ^h	0.0185 ^{dh}	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.01 U	0.01 U	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.0126 U	0.01 U

Notes:
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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18 MW-6 WG-17303-090507-DR-009 09/05/2007	PAOC 18 MW-6 GW-17303-120607-DR-027 12/06/2007	PAOC 18 MW-6 WG-17303-032508-CB-013 03/25/2008	PAOC 18 MW-6 WG-17303-061908-DR-019 06/19/2008	PAOC 18 MW-6 WG-17303-092308-CB-029 09/23/2008	PAOC 18 MW18-03 WG-17303-070706-EV-032 07/07/2006	PAOC 18 MW18-07 WG-17303-030806-LA-0960 03/08/2006	PAOC 18 MW18-07 WG-17303-070606-EV-027 07/06/2006	PAOC 18 MW18-07 WG-17303-100306-NRS-046 10/03/2006	PAOC 18 MW18-07 WG-17303-120606-JJ-011 12/06/2006
Inorganics											
Aluminum	mg/L	-	-	0.0753 ^{eh}	-	-	-	-	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	0.00064 J	0.0013 J	0.002 U	0.00096 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.0053 U	0.0044 J	-	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.0997 J	0.115	0.117	0.104	0.105	-	0.046 J	0.0322 J	0.0403 J	0.0372 J
Beryllium	mg/L	0.00037 J	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.00019 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	-	0.00054 J	0.001 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0023 J	-	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	-	0.0032 J	0.0021 J	0.007 U	0.0012 J
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.0008 J	-	0.0084	0.0087	0.0057	0.0022 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	7.36 ^{eh}	7.32 ^{eh}	-	-	88.4 ^{eh}	-	11.3 ^{eh}	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	88.9 ^{eh}	-	9.9 ^{eh}	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	-	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.315 ^{eh}	0.305 ^{eh}	0.33 ^{eh}	0.355 ^{eh}	0.29 ^{eh}	5.22 ^{eh}	0.472 ^{eh}	0.354 ^{eh}	0.292 ^{eh}	0.25 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	5.5 ^{eh}	-	0.316 ^{eh}	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	-	0.0042 J	0.0036 J	0.0028 J	0.002 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	0.005 U	0.0035 J	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	0.0002 UJ	0.0002 U	0.0002 U	0.0002 UJ
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	0.000031 J	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.01 U	0.01 U	0.0041 J	0.01 U	0.0063 J	-	0.02 U	0.0225	0.02 U	0.02 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 18 MW18-07 WG-17303-120606-JJ-012 12/06/2006 Duplicate	PAOC 18 MW18-07 WG-17303-030907-JJ-027 03/09/2007	PAOC 18 MW18-07 WG-17303-060507-EV-009 06/05/2007	PAOC 18 MW18-07 WG-17303-090507-DR-010 09/05/2007	PAOC 18 MW18-07 WG-17303-120507-DR-012 12/05/2007	PAOC 18 MW18-07 WG-17303-032608-CB-020 03/26/2008	PAOC 18 MW18-07 WG-17303-061908-CB-018 06/19/2008	PAOC 18 MW18-07 WG-17303-092408-CB-047 09/24/2008	PAOC 18 MW-18-45 MW-18-45 12/19/1996	PAOC 18 MW-18-45 MW-18-45 03/21/1997	PAOC 18 MW-18-45 WG-17303-030806-NR-0959 03/08/2006
Inorganics												
Aluminum	mg/L	-	-	-	-	-	0.05 U	-	-	-	-	-
Antimony	mg/L	0.002 U	0.00015 J	0.00022 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	-	0.00052 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0037 J	0.005 U	0.005 U	0.0045 J	-	-	0.0046 J
Barium	mg/L	0.0384 J	0.0283 J	0.0276 J	0.0228 J	0.0292 J	0.0231 J	0.0208 J	0.0246 J	-	-	0.219
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.0004 J	0.001 U	0.001 U	0.001 U	0.001 U	-	-	0.001 U
Cadmium	mg/L	0.001 U	0.00013 J	0.00011 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	-	-	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	-	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.0013 J	0.007 U	0.0013 J	0.007 U	0.007 U	0.0018 J	0.007 U	-	-	0.0109
Copper	mg/L	0.0023 U	0.0033 U	0.0048 U	0.0042	0.0032	0.002 U	0.002 U	0.002 U	-	-	0.0044
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	10.2 ^{eh}	8.2 ^{eh}	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0240 ^{eh}	0.0040	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	0.0050 U	0.0050 U	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.257 ^{eh}	0.332 ^{eh}	0.33 ^{eh}	0.286 ^{eh}	0.245 ^{eh}	0.323 ^{eh}	0.655 ^{eh}	0.319 ^{eh}	-	-	2.5 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00014 J ^d	-	-	0.0002 U
Nickel	mg/L	0.0016 J	0.02 U	0.0039 J	0.0041 J	0.02 U	0.02 U	0.02 U	0.0037 J	-	-	0.0068 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.0037	0.0025 U	0.0011 J	0.0013 J	0.002 U	0.002 U	0.002 U	-	-	0.0056 ^d
Silver	mg/L	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	0.000063 J
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	0.000075 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	-	0.004 U
Zinc	mg/L	0.02 U	0.01 U	0.01 U	0.01 U	0.0038 J	0.0027 J	0.01 U	0.01 U	-	-	0.02 U

Notes:
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PAOC		PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18	PAOC 18
Sample Location:		MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45	MW-18-45
Sample ID:		WG-17303-070606-EV-029	WG-17303-100306-NRS-039	WG-17303-120506-DK-004	WG-17303-030807-DR-013	WG-17303-060707-DR-027	WG-17303-060707-DR-028	WG-17303-090507-NRS-004	WG-17303-090507-NRS-006	WG-17303-120507-DR-009
Sample Date:		07/06/2006	10/03/2006	12/03/2006	03/08/2007	06/07/2007	06/07/2007	09/05/2007	09/05/2007	12/05/2007
Sample Type:										
Parameter:							Duplicate		Duplicate	Duplicate
		Units								
Inorganics										
Aluminum	mg/L	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00049 J	0.00024 J	0.0003 J	0.00052 J	0.0003 J	0.00023 J	0.002 U	0.002 U	0.00063 J
Arsenic	mg/L	0.005 U	0.005 U	0.0046 J	0.0044 J	0.0059	0.0053	0.005 U	0.005 U	0.0057
Barium	mg/L	0.146	0.16	0.171	0.173	0.153	0.149	0.171	0.166	0.252
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.00017 J	0.0005 U	0.00011 J	0.0005 U	0.0005 U	0.00014 J
Calcium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	0.0083	0.0085	0.0092	0.0095	0.0063 J	0.006 J	0.0081	0.0077	0.009
Copper	mg/L	0.0029	0.0031 U	0.0035 U	0.0029 U	0.0025 U	0.0023 U	0.0022 U	0.0022 U	0.0023
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-
Iron	mg/L	2.15 ^{eh}	-	-	5.48 ^{eh}	4.49 J ^{eh}	4.39 J ^{eh}	-	-	4.52 ^{eh}
Iron (dissolved)	mg/L	2.33 ^{eh}	-	-	5.03 ^{eh}	3.65 ^{eh}	3.84 ^{eh}	4.06 ^{eh}	4.78 ^{eh}	4.21 ^{eh}
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-
Manganese	mg/L	2.14 ^{eh}	1.87 ^{eh}	1.87 ^{eh}	2.17 ^{eh}	1.72 ^{eh}	1.7 ^{eh}	2.15 ^{eh}	2.06 ^{eh}	2.28 ^{eh}
Manganese (dissolved)	mg/L	2.19 ^{eh}	-	-	2.2 ^{eh}	1.52 ^{eh}	1.59 ^{eh}	2 ^{eh}	2 ^{eh}	2.37 ^{eh}
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0056 J	0.0055 J	0.0075 J	0.02 U	0.0049 J	0.0048 J	0.0072 J	0.0063 J	0.0048 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.00078 J	0.002 U	0.0022 U	0.002 U	0.002 U	0.0016 J
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.000067 J	0.00016 J	0.001 U	0.0002 J	0.000073 J	0.000064 J	0.001 U	0.001 U	0.00019 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.0143 U	0.01 U	0.01 U	0.01 U	0.01 U	0.012

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YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-18-45 WG-17303-032508-DR-007 03/25/2008	PAOC 18 MW-18-45 WG-17303-032508-DR-008 03/25/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-061808-DR-003 06/18/2008	PAOC 18 MW-18-45 WG-17303-061808-DR-004 06/18/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-092508-CB-055 09/25/2008	PAOC 18 MW-18-45 WG-17303-092508-CB-056 09/25/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-032609-CB-090 03/26/2009	PAOC 18 MW-18-45 WG-17303-032609-CB-091 03/26/2009 Duplicate	PAOC 18 MW19-17 GW-17303-012804-MM-285 01/28/2004	PAOC 18 MW19-18 GW-17303-012804-MM-286 01/28/2004
	Units										
Inorganics											
Aluminum	mg/L	0.05 U	0.0206 J	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00016 J	0.00014 J	0.00035 J	0.00027 J	0.00018 J	0.002 U	0.00017 J	0.0002 J	-	-
Arsenic	mg/L	0.0103 ^{deh}	0.0086	0.0109 ^{deh}	0.0139 ^{deh}	0.0266 ^{deh}	0.0238 ^{deh}	0.0186 ^{deh}	0.0164 ^{deh}	-	-
Barium	mg/L	0.249	0.246	0.197	0.195	0.233	0.217	0.218	0.218	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	-	-
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0050 U	0.0050 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	0.01 U	0.01 U	0.01 U	0.004 J	0.01 UJ	0.002 J	0.01 U	0.01 U	-	-
Cobalt	mg/L	0.0083	0.0065 J	0.0051 J	0.0052 J	0.0069 J	0.007	0.0082	0.0076	0.0020 J	0.0014 J
Copper	mg/L	0.00053 J	0.00066 J	0.0022	0.0024	0.001 J	0.0011 J	0.0016 J	0.0013 J	-	-
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	6.14 ^{eh}	6.08 ^{eh}	10.2 ^{eh}	10.1 ^{eh}	-	-	10.4 ^{eh}	10.3 ^{eh}	-	-
Iron (dissolved)	mg/L	5.85 ^{eh}	5.96 ^{eh}	9.42 ^{eh}	9.86 ^{eh}	13.3 ^{eh}	13.2 ^{eh}	10 ^{eh}	10 ^{eh}	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	-	-
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	1.59 ^{eh}	1.57 ^{eh}	1.62 ^{eh}	1.59 ^{eh}	1.18 ^{eh}	1.24 ^{eh}	1.28 ^{eh}	1.24 ^{eh}	-	-
Manganese (dissolved)	mg/L	1.64 ^{eh}	1.69 ^{eh}	1.58 ^{eh}	1.61 ^{eh}	1.11 ^{eh}	1.09 ^{eh}	1.23 ^{eh}	1.29 ^{eh}	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-
Nickel	mg/L	0.0059 J	0.0049 J	0.0053 J	0.0061 J	0.0072 J	0.008 J	0.0077 J	0.0073 J	-	-
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0099 ^d	0.0101 ^d	-	-
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.0002 J	0.001 U	0.00016 J	0.001 U	0.001 U	0.001 U	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	-
Zinc	mg/L	0.0041 J	0.0045 J	0.01 U	0.01 U	0.01 U	0.01 U	0.0106 U	0.01 U	-	-

Notes:
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PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		GS-7	GS-7	GS-7	GS-7	GS-7	GS-7	GS-7	GS-7	GS-7
Sample ID:		WG-17303-031006-NR-0954	GW-17303-062806-EV-005	WG-17303-100306-LA-042	WG-17303-120706-EV-028	WG-17303-031207-EV-030	WG-17303-060607-EV-017	WG-17303-090707-EV-029	GW-17303-120607-DR-028	WG-17303-032708-MC-031
Sample Date:		03/10/2006	06/28/2006	10/03/2006	12/07/2006	03/12/2007	06/06/2007	09/07/2007	12/06/2007	03/27/2008
Sample Type:										WG-17303-061908-DR-027
Parameter:	Units									06/19/2008
Inorganics										
Aluminum	mg/L	-	-	-	-	-	-	-	-	0.05 U
Antimony	mg/L	0.00033 J	0.00075 J	0.002 U	0.00027 J	0.00021 J	0.00017 J	0.002 U	0.002 U	0.00017 J
Arsenic	mg/L	0.0127 ^{deh}	0.0069	0.016 ^{deh}	0.0118 ^{deh}	0.005 U	0.0156 ^{deh}	0.0138 ^{deh}	0.0133 ^{deh}	0.005 U
Barium	mg/L	0.319	0.0826 J	0.288	0.32	0.167	0.249	0.233	0.29	0.184
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00034 J	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.0017 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.0033 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0024 U	0.002 U	0.002 U	0.0025 U	0.0033 U	0.0017 J	0.002 U	0.002 U	0.00093 J
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	-	30.2 ^{eh}	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-
Manganese	mg/L	6.81 ^{deh}	1.08 ^{eh}	4.33 ^{eh}	5.33 ^{eh}	3.19 ^{eh}	3.28 ^{eh}	3.62 ^{eh}	4.73 ^{eh}	1.99 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.003 J	0.0065 J	0.0015 J	0.0024 J	0.02 U	0.02 U	0.0015 J	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.0011 J	0.002 U	0.002 U	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.000053 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.0138 U	0.008 J	0.01 U	0.01 U	0.0049 J

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 GS-7 WG-17303-092408-DR-046 09/24/2008	PAOC 19 MW-4 WG-17303-030906-NR-0973 03/09/2006	PAOC 19 MW-4 WG-17303-062906-NRS-007 06/29/2006	PAOC 19 MW-4 WG-17303-100306-LA-043 10/03/2006	PAOC 19 MW-4 WG-17303-100306-LA-044 10/03/2006 Duplicate	PAOC 19 MW-4 WG-17303-120606-JJ-025 12/06/2006	PAOC 19 MW-4 WG-17303-030807-JJ-009 03/08/2007	PAOC 19 MW-4 WG-17303-060607-EV-020 06/06/2007	PAOC 19 MW-4 WG-17303-090607-EV-019 09/06/2007	PAOC 19 MW-4 GW-17303-120607-DR-030 12/06/2007
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00014 J	0.00025 J	0.00041 J	0.00025 J	0.00024 J	0.002 U	0.00033 J	0.00034 J	0.00031 J	0.00021 J
Arsenic	mg/L	0.0087	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.196	0.272	0.312	0.365	0.372	0.362	0.373	0.327	0.298	0.37
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00018 J	0.00038 J	0.00015 J	0.00016 J
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.003 J	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.0016 J	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0013 J	0.0027 U	0.002 U	0.0032 U	0.0031 U	0.002 U	0.0036 U	0.0035	0.0027 U	0.0024 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	-	-	-	0.41 ^{eh}
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	1.88 ^{eh}	0.436 ^{eh}	0.394 ^{eh}	0.412 ^{eh}	0.422 ^{eh}	0.392 ^{eh}	0.385 ^{eh}	0.392 ^{eh}	0.339 ^{eh}	0.418 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.0046 J	0.0044 J	0.0058 J	0.005 J	0.0048 J	0.02 U	0.0053 J	0.0045 J	0.0065 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.005 U	0.0036 J	0.005 U	0.005 U	0.005 U	0.002 U	0.002 U	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.000027 J	0.001 U	0.00014 J	0.00014 J	0.001 U	0.00015 J	0.000064 J	0.00014 J	0.00014 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.01 U	0.02 U	0.0111 J	0.0105 J	0.007 J	0.02 U	0.0251 U	0.0498	0.017 U	0.014 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-4 WG-17303-032708-MC-027 03/27/2008	PAOC 19 MW-4 WG-17303-092308-DR-036 09/23/2008	PAOC 19 MW-5 MW-12 03/21/1997	PAOC 19 MW-12 03/21/1997	PAOC 19 MW-12 WG-17303-100506-NRS-061 10/05/2006	PAOC 19 MW-12 WG-17303-120706-DK-029 12/07/2006	PAOC 19 MW-12 WG-17303-030807-NRS-012 03/08/2007	PAOC 19 MW-12 WG-17303-060507-EV-010 06/05/2007	PAOC 19 MW-12 WG-17303-090507-DR-005 09/05/2007	PAOC 19 MW-12 WG-17303-120407-DR-001 12/04/2007	PAOC 19 MW-12 WG-17303-032508-CB-014 03/25/2008
	Units											
Inorganics												
Aluminum	mg/L	0.0241 J	-	-	-	-	-	-	-	-	-	0.05 U
Antimony	mg/L	0.00014 J	0.002 U	-	-	0.00046 J	0.00025 J	0.00017 J	0.00018 J	0.002 U	0.00017 J	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.332	0.386	-	-	0.0352 J	0.0397 J	0.0313 J	0.0375 J	0.0325 J	0.0392 J	0.0323 J
Beryllium	mg/L	0.001 U	0.001 U	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.00018 J	-	-	0.001 U	0.001 U	0.0005 U	0.0005 U	0.00033 J	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.0023 J	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	-	-	0.0022 J	0.0012 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.00042 J	0.0015 J	-	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	-	-	-	0.1 U	0.1 U
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.0050 U	0.0050 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	0.0050 U	0.0050 U	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.344 ^{eh}	0.339 ^{eh}	-	-	0.0807 ^{eh}	0.0617 ^{eh}	0.0046 J	0.0391	0.0335	0.0438	0.0059 J
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	-	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00013 J ^d
Nickel	mg/L	0.02 U	0.0065 J	-	-	0.0017 J	0.0026 J	0.02 U	0.0018 J	0.0024 J	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	-	-	0.005 U	0.005 U	0.002	0.0024 U	0.0011 J	0.0014 J	0.002 U
Silver	mg/L	0.0002 U	0.0002 U	-	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	-	-	0.00012 J	0.001 U	0.000069 J	0.000038 J	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	-	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.0088 J	0.0076 J	-	-	0.0094 J	0.0282 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0044 J

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-12 WG-17303-061808-DR-007 06/18/2008	PAOC 19 MW-12 WG-17303-092308-CB-033 09/23/2008	PAOC 19 MW-13 WG-17303-080805-DR-0836 08/08/2005	PAOC 19 MW-14 WG-17303-030706-NR-0949 03/07/2006	PAOC 19 MW-14 WG-17303-070606-EV-026 07/06/2006	PAOC 19 MW-14 WG-17303-100406-NRS-058 10/04/2006	PAOC 19 MW-14 WG-17303-120606-DK-017 12/06/2006	PAOC 19 MW-14 WG-17303-030807-NRS-011 03/08/2007	PAOC 19 MW-14 WG-17303-060507-EV-012 06/05/2007	PAOC 19 MW-14 WG-17303-090607-NRS-017 09/06/2007
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.00013 J	0.00029 J	0.00051 J	0.00031 J	0.002 U	0.00028 J	0.00027 J	0.00023 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.0389 J	0.0345 J	0.0263 J	0.047 J	0.0429 J	0.0532 J	0.047 J	0.0399 J	0.0407 J	0.0455 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.00013 J
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.00074 J	0.00052 J	0.002	0.0017 J	0.0023 U	0.0026 U	0.0037 U	0.006 U	0.002 U
Cyanide (total)	mg/L	-	-	0.010 U	-	-	-	-	-	-	-
Iron	mg/L	0.1 U	-	-	-	0.1 U	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	0.1 U	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.0507 ^{eh}	0.0371	0.0089 J	0.0316	0.0074 J	0.109 ^{eh}	0.0937 ^{eh}	0.0488	0.0956 ^{eh}	0.0499
Manganese (dissolved)	mg/L	-	-	-	-	0.015 U	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00015 J ^d
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.0022 J	0.02 U	0.02 U	0.0022 J	0.02 U	0.0025 J	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.005 U	0.0033 J	0.0033 J	0.005 U	0.0033 J	0.003	0.0029 U	0.0011 J
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000057 J	0.001 U	0.000025 J	0.001 U	0.000046 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.01 U	0.0065 J	0.02 U	0.0202 U	0.0102 J	0.017 J	0.02 U	0.0134 U	0.01 U	0.01 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 WG-17303-120507-DR-014 12/03/2007	PAOC 19 MW-14 WG-17303-032508-MC-009 03/23/2008	PAOC 19 MW-14 WG-17303-092308-CB-035 09/23/2008	PAOC 19 MW19-01 WG-17303-030706-LA-0945 03/07/2006	PAOC 19 MW19-01 WG-17303-062906-NRS-008 06/29/2006	PAOC 19 MW19-01 WG-17303-100406-LA-051 10/04/2006	PAOC 19 MW19-01 WG-17303-120606-LA-024 12/06/2006	PAOC 19 MW19-01 WG-17303-030807-JJ-008 03/08/2007	PAOC 19 MW19-01 WG-17303-060607-DR-019 06/06/2007	PAOC 19 MW19-01 WG-17303-090607-EV-021 09/06/2007
	Units										
Inorganics											
Aluminum	mg/L	-	0.0312 J	-	-	-	-	-	-	-	-
Antimony	mg/L	0.00019 J	0.00013 J	0.002 U	0.00041 J	0.00038 J	0.00048 J	0.002 U	0.00026 J	0.00024 J	0.00027 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.0642 J	0.0485 J	0.0547 J	0.135	0.131	0.222	0.132	0.154	0.112	0.147
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.00043 J	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.0016 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0019 J	0.00071 J	0.0015 J	0.0023	0.002 U	0.0029 U	0.002 U	0.0028 U	0.0028	0.0028
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	0.1 U	-	-	0.174	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	0.0326 J	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.0781 ^{eh}	0.0954 ^{eh}	0.0906 ^{eh}	0.0084 J	0.0088 J	0.0867 ^{eh}	0.0148 J	0.0555 ^{eh}	0.0193	0.0288
Manganese (dissolved)	mg/L	-	-	-	-	0.0071 J	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.0033 J	0.0028 J	0.0035 J	0.0021 J	0.0033 J	0.02 U	0.0028 J	0.0019 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.0024	0.002 U	0.005 U	0.005 U	0.005 U	0.005 U	0.002 U	0.00072 J	0.00082 J
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.00018 J	0.001 U	0.00021 J	0.001 U	0.00019 J	0.00012 J	0.00034 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.0108	0.0094 J	0.0103	0.02 U	0.0082 J	0.02 U	0.02 U	0.0138 U	0.0071 J	0.0111 U

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INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 MW19-01 WG-17303-120507-DR-017 12/05/2007	PAOC 19 MW19-01 WG-17303-120507-DR-018 12/05/2007 Duplicate	PAOC 19 MW19-01 WG-17303-032608-MC-022 03/26/2008	PAOC 19 MW19-01 WG-17303-092308-DR-038 09/23/2008	PAOC 19 MW19-02 WG-17303-030706-AB-0947 03/07/2006	PAOC 19 MW19-02 WG-17303-063006-LA-014 06/30/2006	PAOC 19 MW19-02 WG-17303-063006-LA-015 06/30/2006 Duplicate	PAOC 19 MW19-02 WG-17303-070506-LA-015 07/05/2006	PAOC 19 MW19-02 WG-17303-100406-NRS-054 10/04/2006	PAOC 19 MW19-02 WG-17303-120606-LA-015 12/06/2006
Inorganics											
Aluminum	mg/L	-	-	0.05 U	-	-	-	-	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.0001 J	0.00012 J	0.002 U	-	0.00023 J	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U
Barium	mg/L	0.286	0.302	0.118	0.239	0.0816 J	0.0641 J	0.0676 J	-	0.213	0.14
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	-	0.0017 J	0.007 U
Copper	mg/L	0.0012 J	0.0011 J	0.002 U	0.0016 J	0.0014 J	0.002 U	0.002 U	-	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	4.45 ^{eh}	4.4 ^{eh}	0.408 ^{eh}	-	-	0.615 ^{eh}	0.597 ^{eh}	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	0.593 ^{eh}	-	0.578 ^{eh}	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	-	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.148 ^{eh}	0.162 ^{eh}	0.0151	0.0418	0.133 ^{eh}	0.169 ^{eh}	0.177 ^{eh}	-	0.304 ^{eh}	0.14 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	0.163 ^{eh}	-	0.143 ^{eh}	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.000099 J ^d	-	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.0059 J	0.02 U	0.0025 J	0.0025 J	-	0.0019 J	0.0014 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.0014 J	0.002 U	0.005 U	0.005 U	0.005 U	-	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	0.0002 U	0.0002 UJ
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	0.00011 J	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	-	0.004 U	0.004 U
Zinc	mg/L	0.0112	0.0098 J	0.0037 J	0.0052 J	0.02 U	0.02 U	0.02 U	-	0.02 U	0.02 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-02 WG-17303-030907-NRS-021 03/09/2007	PAOC 19 MW19-02 WG-17303-030907-NRS-022 03/09/2007 Duplicate	PAOC 19 MW19-02 WG-17303-060607-DR-015 06/06/2007	PAOC 19 MW19-02 WG-17303-060607-DR-016 06/06/2007 Duplicate	PAOC 19 MW19-02 WG-17303-090707-DR-030 09/07/2007	PAOC 19 MW19-02 WG-17303-120507-DR-013 12/03/2007	PAOC 19 MW19-02 WG-17303-032608-CB-021 03/26/2008	PAOC 19 MW19-02 WG-17303-092308-CB-037 09/23/2008	PAOC 19 MW19-03 WG-17303-030706-NR-0946 03/07/2006	PAOC 19 MW19-03 WG-17303-070706-EV-033 07/07/2006
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	0.05 U	-	-	-
Antimony	mg/L	0.00038 J	0.00022 J	0.0003 J	0.0002 J	0.002 U	0.002 U	0.002 U	0.002 U	0.00025 J	0.00023 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.125	0.112	0.0728 J	0.0724 J	0.106	0.129	0.1	0.136	0.0643 J	0.0685 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.00036 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00011 J	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.00076 J	0.00068 J	0.002 U	0.00098 J	0.002 U	0.00072 J	0.0019 J	0.0014 J
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	1.36 ^{eh}	0.979 ^{eh}	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.204 ^{eh}	0.183 ^{eh}	0.0898 ^{eh}	0.0895 ^{eh}	0.174 ^{eh}	0.184 ^{eh}	0.125 ^{eh}	0.179 ^{eh}	0.067 ^{eh}	0.183 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.00012 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.0026 J	0.02 U	0.02 U	0.02 U	0.0029 J	0.0019 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.0017 J	0.0016 J	0.002 U	0.002 U	0.002 U	0.002 U	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.000091 J	0.000081 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00015 J	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.01 U	0.01 U	0.006 J	0.0046 J	0.01 U	0.0065 J	0.01 U	0.0051 J	0.02 U	0.0069 J

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 MW19-03 WG-17303-100406-NRS-057 10/04/2006	PAOC 19 MW19-03 WG-17303-120606-LA-016 12/06/2006	PAOC 19 MW19-03 WG-17303-030907-NRS-026 03/09/2007	PAOC 19 MW19-03 WG-17303-060507-DR-011 06/05/2007	PAOC 19 MW19-03 WG-17303-090607-NRS-020 09/06/2007	PAOC 19 MW19-03 WG-17303-120507-DR-015 12/05/2007	PAOC 19 MW19-03 WG-17303-032508-MC-010 03/23/2008	PAOC 19 MW19-04 WG-17303-080805-DR-0834 08/08/2005	PAOC 19 MW19-04 WG-17303-080805-DR-0835 08/08/2005 Duplicate	PAOC 19 MW19-07 WG-17303-030706-LA-0944 03/07/2006
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	0.05 U	-	-	-
Antimony	mg/L	0.00016 J	0.002 U	0.00011 J	0.00015 J	0.00014 J	0.002 U	0.002 U	0.0002 J	0.00015 J	0.001 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.075 J	0.0829 J	0.0708 J	0.0754 J	0.0725 J	0.082 J	0.0782 J	0.0251 J	0.0278 J	0.264
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.0021 J
Copper	mg/L	0.0024 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0012 J	0.002 U	0.0008 J	0.00072 J	0.0015 J
Cyanide (total)	mg/L	-	-	-	-	-	-	-	0.010 U	0.010 U	-
Iron	mg/L	-	-	-	-	-	1.2 ^{eh}	0.638 ^{eh}	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.189 ^{eh}	0.206 ^{eh}	0.28 ^{eh}	0.2 ^{eh}	0.188 ^{eh}	0.253 ^{eh}	0.249 ^{eh}	0.015 U	0.015 U	0.182 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.000098 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0016 J	0.0028 J	0.02 U	0.0027 J	0.0016 J	0.02 U	0.02 U	0.0029 J	0.02 U	0.004 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005 U	0.005 U	0.003 J
Silver	mg/L	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.00008 J	0.001 U	0.00009 J	0.000086 J	0.00044 J	0.001 U	0.001 U	0.001 U	0.001 U	0.00014 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.01 U	0.01 U	0.01 U	0.0043 J	0.004 J	0.02 U	0.02 U	0.02 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-07 WG-17303-070506-EV-024 07/05/2006	PAOC 19 MW19-07 WG-17303-100406-NRS-053 10/04/2006	PAOC 19 MW19-07 WG-17303-120606-LA-023 12/06/2006	PAOC 19 MW19-07 WG-17303-030807-JJ-015 03/08/2007	PAOC 19 MW19-07 WG-17303-030807-JJ-016 03/08/2007 Duplicate	PAOC 19 MW19-07 WG-17303-060507-DR-007 06/05/2007	PAOC 19 MW19-07 WG-17303-090607-EV-023 09/06/2007	PAOC 19 MW19-07 WG-17303-090607-EV-024 09/06/2007 Duplicate	PAOC 19 MW19-07 WG-17303-120507-DR-019 12/05/2007	PAOC 19 MW19-07 WG-17303-032608-MC-017 03/26/2008
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	0.05 U
Antimony	mg/L	0.00039 J	0.00048 J	0.002 U	0.00031 J	0.00029 J	0.00048 J	0.00024 J	0.00023 J	0.0002 J	0.00014 J
Arsenic	mg/L	0.0044 J	0.0054	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0058	0.005 U
Barium	mg/L	0.31	0.436	0.197	0.375	0.386	0.276	0.37	0.35	0.443	0.295
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.0016 J	0.0022 J	0.007 U	0.0036 J	0.0035 J	0.007 U	0.0019 J	0.0017 J	0.003 J	0.0018 J
Copper	mg/L	0.002	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.0013 J	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	2.44 ^{eh}	-	-	-	-	-	-	-	3.06 ^{eh}	2.41 ^{eh}
Iron (dissolved)	mg/L	1.34 ^{eh}	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.126 ^{eh}	0.145 ^{eh}	0.0766 ^{eh}	0.211 ^{eh}	0.201 ^{eh}	0.1 ^{eh}	0.159 ^{eh}	0.138 ^{eh}	0.268 ^{eh}	0.143 ^{eh}
Manganese (dissolved)	mg/L	0.114 ^{eh}	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0001 J ^d	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0022 J	0.02 U	0.002 J	0.02 U	0.02 U	0.0021 J	0.0029 J	0.0021 J	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.0024 J	0.005 U	0.002 U	0.002 U	0.002 U	0.00071 J	0.002 U	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.00012 J	0.001 U	0.00012 J	0.00021 J	0.000042 J	0.00016 J	0.00015 J	0.00015 J	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.0229 U	0.0223 U	0.01 U	0.01 U	0.01 U	0.0148	0.0054 J

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INORGANICS
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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 MW19-07 WG-17303-032608-MC-018 Duplicate	PAOC 19 MW19-07 WG-17303-061808-DR-013 06/18/2008	PAOC 19 MW19-07 WG-17303-061808-DR-014 06/18/2008 Duplicate	PAOC 19 MW19-07 WG-17303-092308-CB-039 09/23/2008	PAOC 19 MW19-07 WG-17303-092308-CB-040 09/23/2008 Duplicate	PAOC 19 MW19-24 WG-17303-030706-AB-0948 03/07/2006	PAOC 19 MW19-24 WG-17303-062906-NRS-009 06/29/2006	PAOC 19 MW19-24 WG-17303-100406-LA-052 10/04/2006	PAOC 19 MW19-24 WG-17303-120606-AF-021 12/06/2006	PAOC 19 MW19-24 WG-17303-120606-AF-022 12/06/2006 Duplicate
Inorganics											
Aluminum	mg/L	0.05 U	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.002 U	0.00017 J	0.00017 J	0.002 U	0.002 U	0.00023 J	0.00037 J	0.0007 J	0.002 U	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	0.0036 J	0.0047 J	0.0037 J	0.005 U	0.005 U	0.0066	0.0051	0.005 U
Barium	mg/L	0.306	0.221	0.232	0.249	0.248	0.387	0.458	0.703	0.61	0.557
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.0037 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.0017 J	0.0018 J	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.00076 J	0.00099 J	0.0021	0.002 U	0.002 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	2.51 ^{eh}	1.9 ^{eh}	2 ^{eh}	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.153 ^{eh}	0.163 ^{eh}	0.182 ^{eh}	0.132 ^{eh}	0.132 ^{eh}	0.237 ^{eh}	0.263 ^{eh}	0.436 ^{eh}	0.31 ^{eh}	0.281 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.00023 ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.005 J	0.02 U	0.02 U	0.0032 J	0.003 J	0.0028 J	0.0056 J	0.0042 J	0.0043 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005 U	0.005 U	0.005 U	0.0026 J	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000089 J	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.0046 J	0.01 U	0.01 U	0.0064 J	0.0049 J	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:	Units	PAOC 19 MW19-24 WG-17303-030907-NRS-020 03/09/2007	PAOC 19 MW19-24 WG-17303-060607-DR-018 06/06/2007	PAOC 19 MW19-24 WG-17303-090607-EV-022 09/06/2007	PAOC 19 MW19-24 WG-17303-120507-DR-016 12/05/2007	PAOC 19 MW19-24 WG-17303-032508-MC-012 03/25/2008	PAOC 19 MW19-24 WG-17303-092308-CB-041 09/23/2008	PAOC 23 IW-9 GW-17303-JH-121301-0100 12/13/2001	PAOC 23 IW-9 GW-17303-011402-BN-111 01/14/2002	PAOC 23 IW-9 GW-17303-031402-TJ-117 03/14/2002	PAOC 23 IW-9 GW-17303-050602-MM-123 05/06/2002
Inorganics											
Aluminum	mg/L	-	-	-	-	0.0242 J	-	-	-	-	-
Antimony	mg/L	0.00029 J	0.00025 J	0.00035 J	0.00015 J	0.002 U	0.002 U	-	-	-	-
Arsenic	mg/L	0.005 U	0.0045 J	0.005 U	0.005 U	0.0059	0.0065	-	-	-	-
Barium	mg/L	0.718	0.465	0.479	0.561	0.465	0.412	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-
Cadmium	mg/L	0.0005 U	0.0005 U	0.00051	0.0005 U	0.0005 U	0.0005 U	-	-	-	-
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.0019 J	0.005 U	0.005 U	0.005 U	-	-	-	-
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	-	-	-	-
Copper	mg/L	0.002 U	0.0013 J	0.0042	0.0009 J	0.002 U	0.00051 J	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	11.7 ^{eh}	7.96 ^{eh}	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.552 ^{eh}	0.327 ^{eh}	0.303 ^{eh}	0.367 ^{eh}	0.284 ^{eh}	0.241 ^{eh}	0.375 ^{eh}	4.92 ^{eh}	20 ^{deh}	6.51 ^{deh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	-	-
Nickel	mg/L	0.02 U	0.0017 J	0.0033 J	0.02 U	0.02 U	0.02 U	-	-	-	-
Potassium	mg/L	-	-	-	-	-	-	8.13	591	77.3	619
Selenium	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	-	-	-
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	-	-
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.000034 J	0.001 U	0.00012 J	0.001 U	0.001 U	0.001 U	-	-	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.003 J	0.004 U	0.004 U	0.004 U	-	-	-	-
Zinc	mg/L	0.0246 U	0.0145	0.0205	0.0156	0.0027 J	0.0073 J	-	-	-	-

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23	PAOC 23
Sample Location:		IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9	IW-9
Sample ID:		GW-072202-MM-130	GW-072202-MM-131	17303-130803-HS-217	WG-17303-030906-EV-0963	WG-17303-030906-NR-0965	WG-17303-070506-EV-021	WG-17303-100306-EV-041	WG-17303-120606-DK-020	WG-17303-030907-EV-023	WG-17303-060507-DR-001
Sample Date:		07/22/2002	07/22/2002	08/13/2003	03/09/2006	03/09/2006	07/05/2006	10/03/2006	12/06/2006	03/09/2007	06/05/2007
Sample Type:			Duplicate			Duplicate					
Parameter:	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	-	-	-	0.00018 J	0.00016 J	0.0011 J	0.00011 J	0.002 U	0.0022	0.00013 J
Arsenic	mg/L	-	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	-	-	-	0.0864 J	0.0863 J	0.135	0.0912 J	0.0742 J	0.12	0.0839 J
Beryllium	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.00032 J	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00051	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	-	-	-	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.0022 J	0.007 U
Copper	mg/L	-	-	-	0.002 U	0.002 U	0.0018 J	0.002 U	0.002 U	0.0041 U	0.00089 J
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	0.0418	-	-	4.49 ^{eh}	-	-	-	-
Iron (dissolved)	mg/L	-	-	0.1 U	-	-	3.61 ^{eh}	-	-	-	-
Lead	mg/L	-	-	-	0.003 U	0.003 U	0.0021 J	0.003 U	0.003 U	0.0018 J	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	2.2 ^{eh}	2.04 ^{eh}	10.3 ^{deh}	6.01 ^{eh}	6.14 ^{eh}	5.75 ^{eh}	5.11 ^{eh}	4.68 ^{eh}	5.42 ^{eh}	5.26 ^{eh}
Manganese (dissolved)	mg/L	-	-	10.2 ^{deh}	-	-	5.85 ^{eh}	-	-	-	-
Mercury	mg/L	-	-	-	0.00019 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00011 J ^d	0.0002 U
Nickel	mg/L	-	-	-	0.0029 J	0.003 J	0.0034 J	0.0018 J	0.002 J	0.0181 J	0.0032 J
Potassium	mg/L	89	86	-	-	-	-	-	-	-	-
Selenium	mg/L	-	-	-	0.005 U	0.005 U	0.005 U	0.0024 J	0.005 U	0.0008 J	0.00077 J
Silver	mg/L	-	-	-	0.0002 U	0.0002 U	0.00016 J	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000042 J	0.001 U
Vanadium	mg/L	-	-	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.0078 ^h	0.004 U
Zinc	mg/L	-	-	-	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.336	0.0139

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-9 WG-17303-090607-EV-018 09/06/2007	PAOC 23 IW-9 GW-17303-120607-DR-024 12/06/2007	PAOC 23 IW-9 WG-17303-032708-CB-030 03/27/2008	PAOC 23 IW-9 WG-17303-092308-DR-032 09/23/2008	PAOC 23 IW-12 GW-17303-JH-121301-0101 12/13/2001	PAOC 23 IW-12 GW-17303-011402-BN-112 01/14/2002	PAOC 23 IW-12 GW-17303-031402-TJ-118 03/14/2002	PAOC 23 IW-12 GW-17303-050602-MM-124 05/06/2002	PAOC 23 IW-12 GW-072202-MM-132 07/22/2002	PAOC 23 IW-12 WG-17303-030906-EV-0961 03/09/2006
	Units										
Inorganics											
Aluminum	mg/L	-	-	0.05 U	-	-	-	-	-	-	-
Antimony	mg/L	0.00086 J	0.002 U	0.002 U	0.002 U	-	-	-	-	-	0.0006 J
Arsenic	mg/L	0.005 U	0.005 U	0.0032 J	0.005 U	-	-	-	-	-	0.005 U
Barium	mg/L	0.111	0.121	0.118	0.0851 J	-	-	-	-	-	0.0979 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	0.001 U
Cadmium	mg/L	0.00014 J	0.0005 U	0.0005 U	0.0005 U	-	-	-	-	-	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.0029 J	0.005 U	-	-	-	-	-	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	-	-	-	-	-	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.00038 J	-	-	-	-	-	0.0025 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	3.4 ^{eh}	-	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	-	-	-	-	-	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	3.95 ^{eh}	4.12 ^{eh}	3.66 ^{eh}	3.4 ^{eh}	0.63 ^{eh}	4.74 ^{eh}	8.43 ^{deh}	160 ^{dehj}	2 ^{eh}	15.7 ^{deh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	0.0002 U
Nickel	mg/L	0.0023 J	0.02 U	0.0065 J	0.02 U	-	-	-	-	-	0.0167 J
Potassium	mg/L	-	-	-	-	18.6	1100	1110	1340	421	-
Selenium	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	-	-	-	-	-	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-	-	-	-	-	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.003 J	0.004 U	-	-	-	-	-	0.0048 ^h
Zinc	mg/L	0.01 U	0.01 U	0.0807	0.012	-	-	-	-	-	0.02 U

Notes:
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INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-12 WG-17303-070506-EV-022 07/05/2006	PAOC 23 IW-12 WG-17303-100406-LA-056 10/04/2006	PAOC 23 IW-12 WG-17303-120606-EV-019 12/06/2006	PAOC 23 IW-12 WG-17303-030907-EV-024 03/09/2007	PAOC 23 IW-12 WG-17303-060507-DR-002 06/05/2007	PAOC 23 IW-12 WG-17303-090607-EV-015 09/06/2007	PAOC 23 IW-12 GW-17303-120607-DR-025 12/06/2007	PAOC 23 IW-12 WG-17303-032708-CB-029 03/27/2008	PAOC 23 IW-12 WG-17303-092308-DR-030 09/23/2008	PAOC 23 IW-20 WG-17303-061605-DR-0792 06/16/2005
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	0.05 U	-	-
Antimony	mg/L	0.00097 J	0.00054 J	0.002 U	0.00052 J	0.00046 J	0.00081 J	0.001 J	0.00027 J	0.002 U	0.0014 J
Arsenic	mg/L	0.005 U	0.0045 J	0.005 U	0.005 U	0.005 U	0.005 U	0.0059	0.005 U	0.0048 J	0.0059
Barium	mg/L	0.0316 J	0.0762 J	0.0874 J	0.133	0.111	0.121	0.175	0.0892 J	0.167	0.69
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.00013 J	0.0005 U	0.00018 J	0.0005 U	0.0005 U	0.0005 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.0036 J	0.0024 J	0.005 U	0.0042 J	0.0075	0.005 U	0.005 U	0.004 J
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.0015 J	0.0014 J	0.0018 J	0.0018 J	0.003 J	0.0045 J	0.007 U	0.0023 J	0.0025 J
Copper	mg/L	0.0034	0.0033 U	0.002 U	0.002 U	0.0014 J	0.0021 U	0.002 U	0.0004 J	0.00097 J	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.528 ^{eh}	-	-	-	-	-	7 ^{eh}	-	-	-
Iron (dissolved)	mg/L	1.28 ^{eh}	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	12.8 ^{deh}	13.9 ^{deh}	12.5 ^{deh}	12.1 ^{deh}	11.8 ^{deh}	9.09 ^{deh}	11.5 ^{deh}	8.88 ^{deh}	7.58 ^{deh}	12.1 ^{deh}
Manganese (dissolved)	mg/L	11.7 ^{deh}	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00014 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0158 J	0.0173 J	0.0162 J	0.015 J	0.0139 J	0.0125 J	0.0127 J	0.0088 J	0.0101 J	0.0015 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.005 U
Silver	mg/L	0.00014 J	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.000057 J
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.000088 J	0.000074 J	0.001 U	0.000079 J	0.001 U	0.000059 J	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.0048 ^h	0.005 ^h	0.0046 ^h	0.0048 ^h	0.0038 J	0.0044	0.0049 ^h	0.0023 J	0.0025 J	0.0064 ^b
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.01 U	0.0074 J	0.01 U	0.01 U	0.0093 J	0.0063 J	0.02 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-33 GW-17303-JH-121301-0102 12/13/2001	PAOC 23 IW-33 GW-17303-011402-BN-113 01/14/2002	PAOC 23 IW-33 GW-17303-031402-TJ-119 03/14/2002	PAOC 23 IW-33 GW-17303-050602-MM-125 05/06/2002	PAOC 23 IW-33 GW-17303-050602-MM-126 05/06/2002 Duplicate	PAOC 23 IW-33 GW-072202-MM-135 07/22/2002	PAOC 23 IW-33 17303-130803-HS-216 08/13/2003	PAOC 23 IW-33 WG-17303-031006-EV-0962 03/10/2006	PAOC 23 IW-33 WG-17303-070506-EV-023 07/05/2006	PAOC 23 IW-33 WG-17303-100406-LA-055 10/04/2006
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	-	-	-	-	-	-	-	0.00053 J	0.00073 J	0.00049 J
Arsenic	mg/L	-	-	-	-	-	-	-	0.006	0.0103 ^{deh}	0.0066
Barium	mg/L	-	-	-	-	-	-	-	0.371	0.323	0.262
Beryllium	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-	-	-	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	-	-	-	-	-	-	-	0.0026 J	0.0018 J	0.0014 J
Copper	mg/L	-	-	-	-	-	-	-	0.0021 U	0.0029	0.0034 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	1.51 ^{eh}	-	20.9 ^{eh}	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	1.26 ^{eh}	-	19.7 ^{eh}	-
Lead	mg/L	-	-	-	-	-	-	-	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	1.07 ^{eh}	3.66 ^{eh}	21 ^{deh}	20.6 ^{deh}	24.2 ^{deh}	9.44 ^{deh}	18.1 ^{deh}	14.2 ^{deh}	11.4 ^{deh}	10.4 ^{deh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	18.1 ^{deh}	-	10.8 ^{deh}	-
Mercury	mg/L	-	-	-	-	-	-	-	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	-	-	-	-	-	-	-	0.0192 J	0.0184 J	0.0247
Potassium	mg/L	20.7	1020	926	826	857	1270	-	-	-	-
Selenium	mg/L	-	-	-	-	-	-	-	0.005 U	0.005 U	0.005 U
Silver	mg/L	-	-	-	-	-	-	-	0.0002 U	0.00009 J	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	-	-	-	-	-	-	-	0.0089 ^h	0.0062 ^h	0.0039 J
Zinc	mg/L	-	-	-	-	-	-	-	0.02 U	0.02 U	0.02 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-33 WG-17303-120606-EV-018 12/06/2006	PAOC 23 IW-33 WG-17303-030907-EV-025 03/09/2007	PAOC 23 IW-33 WG-17303-060507-DR-003 06/05/2007	PAOC 23 IW-33 WG-17303-090607-EV-016 09/06/2007	PAOC 23 IW-33 GW-17303-120607-DR-026 12/06/2007	PAOC 23 IW-33 WG-17303-032708-CB-028 03/27/2008	PAOC 23 IW-33 WG-17303-092308-DR-034 09/23/2008	PAOC 23 MW-2 MW-2 03/21/1997	PAOC 23 MW19-09 WG-17303-061605-DR-0794 06/16/2005	PAOC 23 MW19-09 WG-17303-061605-DR-0795 06/16/2005 Duplicate
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	0.0209 J	-	-	-	-
Antimony	mg/L	0.002 U	0.00053 J	0.00034 J	0.00045 J	0.00029 J	0.00037 J	0.002 U	-	0.00039 J	0.00046 J
Arsenic	mg/L	0.0052	0.0063	0.0084	0.0045 J	0.0095	0.0063	0.0075	-	0.005 U	0.005 U
Barium	mg/L	0.24	0.316	0.264	0.164	0.106	0.199	0.129	-	0.238	0.232
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	-	0.001 U	0.00049 J
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.0023 J	0.0022 J	0.005 U	0.005 U	0.0022 J	0.0025 J	0.005 U	-	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.0022 J	0.0023 J	0.0021 J	0.0022 J	0.0023 J	0.0018 J	0.0024 J	-	0.0033 J	0.003 J
Copper	mg/L	0.002 U	0.002 U	0.0017 J	0.0025 U	0.002 U	0.002 U	0.0011 J	-	0.0039 U	0.0081
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	10.2 ^{eh}	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.0050 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	0.0050 U	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	9.03 ^{deh}	10.7 ^{deh}	8.69 ^{deh}	6.35 ^{eh}	7.49 ^{deh}	6.3 ^{eh}	5.86 ^{eh}	-	0.245 ^{eh}	0.243 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.00015 J ^d	0.0002 U	0.0002 U	0.0002 U	-	0.0002 U	0.0002 U
Nickel	mg/L	0.0241	0.0166 J	0.025	0.0238	0.0269	0.0122 J	0.027	-	0.0082 J	0.0087 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	-	0.005 U	0.005 U
Silver	mg/L	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	-	0.0003 J	0.00037 J
Vanadium	mg/L	0.0037 J	0.0065 ^h	0.0034 J	0.0056 ^h	0.0044	0.0037 J	0.0026 J	-	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.0142 U	0.0141	0.0111 U	0.015 U	0.0113	0.0282	-	0.02 U	0.02 U

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YPSILANTI, MICHIGAN

PAOC		PAOC 23	PAOC 23	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		MW19-10	MW19-25	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3	GS-3
Sample ID:		WG-17303-061605-DR-0793	WG-17303-061605-DR-0796	WG-17303-031006-EV-0950	WG-17303-062706-EV-001	WG-17303-100306-EV-037	WG-17303-120506-LA-006	WG-17303-030707-DR-002	WG-17303-060607-EV-023	WG-17303-090707-EV-031	WG-17303-120707-DR-033
Sample Date:		06/16/2005	06/16/2005	03/10/2006	06/27/2006	10/03/2006	12/05/2006	03/07/2007	06/06/2007	09/07/2007	12/07/2007
Sample Type:											
Parameter:											
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.0011 J	0.00055 J	0.0013 J	0.00026 J	0.00063 J	0.00039 J	0.00027 J	0.00024 J	0.002 U	0.00044 J
Arsenic	mg/L	0.0079	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.967	0.217	0.0213 J	0.0637 J	0.0982 J	0.089 J	0.0453 J	0.0483 J	0.0612 J	0.0626 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00038 J	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00028 J	0.00013 J	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.0043 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.0026 J	0.007 U	0.007 U	0.007 U	0.0021 J	0.0013 J	0.007 U	0.0015 J	0.007 U
Copper	mg/L	0.0023 U	0.0025 U	0.0066	0.002 U	0.0032 U	0.003 U	0.0025 U	0.0026	0.002 U	0.0025
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.0019 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.918 ^{eh}	0.151 ^{eh}	0.0781 ^{eh}	0.307 ^{eh}	0.224 ^{eh}	0.515 ^{eh}	0.401 ^{eh}	0.301 ^{eh}	0.26 ^{eh}	0.34 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.0061 J	0.0052 J	0.0048 J	0.0192 J	0.0086 J	0.02 U	0.006 J	0.0035 J	0.0065 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.0025 J	0.0042 J	0.005 U	0.005 U	0.005 U	0.00068 J	0.00098 J	0.002 U	0.0045
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.00023 J	0.000071 J	0.001 U	0.001 U	0.000046 J	0.00034 J	0.0004 J	0.001 U	0.00024 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.0226 U	0.0118 J	0.02 U	0.0297 U	0.0182 U	0.0086 J	0.01 U	0.0152 U

Notes:
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YPSILANTI, MICHIGAN

PAOC		PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29	PAOC 29
Sample Location:		GS-3	GS-3	GS-3	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4	GS-4
Sample ID:		WG-17303-032708-CB-023	WG-17303-092508-DR-048	WG-17303-032709-LS-096	WG-17303-031006-EV-0951	GW-17303-062806-EV-003	WG-17303-100306-EV-036	WG-17303-120506-LA-007	WG-17303-030707-DR-001	WG-17303-060607-EV-022	WG-17303-090707-DR-032
Sample Date:		03/27/2008	09/25/2008	03/27/2009	03/10/2006	06/28/2006	10/03/2006	12/05/2006	03/07/2007	06/06/2007	09/07/2007
Sample Type:											
Parameter:	Units										
Inorganics											
Aluminum	mg/L	0.445 ^{eh}	-	0.266 ^{eh}	-	-	-	-	-	-	-
Antimony	mg/L	0.00029 J	0.00041 J	-	0.00077 J	0.00059 J	0.00069 J	0.00086 J	0.0006 J	0.00054 J	0.002 U
Arsenic	mg/L	0.005 U	0.0056	-	0.005 U	0.0135 ^{deh}	0.005 U	0.0047 J	0.005 U	0.0049 J	0.0054
Barium	mg/L	0.0288 J	0.0888 J	-	0.0314 J	0.242	0.0342 J	0.0527 J	0.0377 J	0.0676 J	0.0622 J
Beryllium	mg/L	0.001 U	0.001 U	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00044 J
Cadmium	mg/L	0.0005 U	0.00027 J	-	0.001 U	0.001 U	0.001 U	0.001 U	0.00018 J	0.00011 J	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.0066	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.0029 J	-	0.0038 J	0.007 U	0.0015 J	0.007	0.0051 J	0.0028 J	0.0046 J
Copper	mg/L	0.0014 J	0.0089	-	0.0043	0.002 U	0.0117	0.0044 U	0.002 U	0.0021	0.0054
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.0157 ^{eh}	-	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.166 ^{eh}	0.292 ^{eh}	-	0.86 ^{eh}	3.74 ^{eh}	0.343 ^{eh}	2.15 ^{eh}	1.39 ^{eh}	1.26 ^{eh}	1.62 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.0051 J	0.01 J	-	0.0105 J	0.0018 J	0.0145 J	0.0195 J	0.0105 J	0.0062 J	0.0099 J
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.0043	0.002 U	-	0.005 U	0.005 U	0.005 U	0.005 U	0.00094 J	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.000095 J	-	0.0002 U	0.000095 J	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	-	0.00041 J	0.001 U	0.00041 J	0.001 U	0.000058 J	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.0063 ^h	-	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.015	0.0333	-	0.0222 U	0.02 U	0.02 U	0.02 U	0.01 U	0.0036 J	0.0105 U

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-4 WG-17303-120707-DR-034 12/07/2007	PAOC 29 GS-4 WG-17303-032608-MC-024 03/26/2008	PAOC 29 GS-4 WG-17303-092408-CB-049 09/24/2008	PAOC 29 GS-4 WG-17303-032709-CB-097 03/27/2009	PAOC 29 MW-3 MW-3 03/21/1997	PAOC 29 MW-18-46 MW-18-46 12/19/1996	PAOC 29 MW-18-46 MW-18-46 03/21/1997	PAOC 29 MW19-12 MW19-12 01/28/2004	PAOC 29 MW19-12 MW19-12 03/09/2006	PAOC 29 MW19-12 MW19-12 03/09/2006 Duplicate	PAOC 29 MW19-12 MW19-12 06/30/2006
	Units											
Inorganics												
Aluminum	mg/L	-	0.273 ^{eh}	-	0.05 U	-	-	-	-	-	-	-
Antimony	mg/L	0.00021 J	0.00033 J	0.0015 J	-	-	-	-	-	0.00039 J	0.0006 J	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	-	-	-	-	-	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.0245 J	0.0282 J	0.0554 J	-	-	-	-	-	0.156	0.207	0.163
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.0005 U	0.0005 U	0.0005 U	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	-	-	-	-	0.0050 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.0048 J	0.0023 J	0.0097	-	-	-	-	0.0070 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0037	0.00037 J	0.0049	-	-	-	-	-	0.002 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	0.585 ^{eh}	-	-	-	-	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	-	0.0030	0.8000 ^{dehj}	0.0530 ^{deh}	-	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	0.0050 U	0.0050 U	0.0050 U	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	1.25 ^{eh}	0.663 ^{eh}	0.796 ^{eh}	-	-	-	-	-	0.989 ^{eh}	0.828 ^{eh}	0.634 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	0.0002 U	0.0002 U	0.0001 J ^d
Nickel	mg/L	0.0173 J	0.0077 J	0.0313	-	-	-	-	-	0.02 U	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.002 U	0.002 U	0.002 U	-	-	-	-	0.0020 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	-	-	-	-	-	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.0016	-	-	-	-	-	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	-	-	-	-	-	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.01 U	0.0036 J	0.0154 U	-	-	-	-	-	0.02 U	0.02 U	0.02 U

Notes:
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The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-12 WG-17303-063006-EV-017 06/30/2006 Duplicate	PAOC 29 MW19-12 WG-17303-100306-EV-040 10/03/2006	PAOC 29 MW19-12 WG-17303-120506-JJ-005 12/05/2006	PAOC 29 MW19-12 WG-17303-030707-DR-003 03/07/2007	PAOC 29 MW19-12 WG-17303-060607-DR-021 06/06/2007	PAOC 29 MW19-12 WG-17303-090607-EV-025 09/06/2007	PAOC 29 MW19-12 GW-17303-120607-DR-029 12/06/2007	PAOC 29 MW19-12 WG-17303-032708-CB-032 03/27/2008	PAOC 29 MW19-12 WG-17303-061908-DR-023 06/19/2008	PAOC 29 MW19-12 WG-17303-092408-DR-044 09/24/2008
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	-	-	0.05 U	-	-
Antimony	mg/L	0.002 U	0.00079 J	0.00041 J	0.0001 J	0.000084 J	0.002 U	0.00035 J	0.002 U	0.002 U	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.165	0.122	0.153	0.134	0.159	0.208	0.253	0.207	0.201	0.208
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.00049 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Calcium	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.00068 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	-	5.48 ^{eh}	-	-	-
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.581 ^{eh}	0.776 ^{eh}	0.733 ^{eh}	0.885 ^{eh}	0.769 ^{eh}	0.599 ^{eh}	0.55 ^{eh}	0.619 ^{eh}	0.475 ^{eh}	0.514 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0001 J ^d	0.0002 U	0.0002 U	0.001 ^d	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.002 U	0.0011 J	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.000036 J	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.01 U	0.0064 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-14 GW-17303-012904-MM-290 01/29/2004	PAOC 29 MW19-14 GW-17303-012904-MM-291 01/29/2004 Duplicate	PAOC 29 MW19-14 GW-17303-052804-DR-356 05/28/2004	PAOC 29 MW19-15 GW-17303-012804-MM-284 01/28/2004	Unknown TP-A30-DRM W-17303-061405-BW-0778 06/14/2005	PAOC 19 DMW1 GW-17303-042412-CB-315 04/24/2012	PAOC 19 DMW2 GW-17303-042412-CB-314 04/24/2012	PAOC 19 MW-13 GW-17303-021312-CB-045 02/13/2012	PAOC 19 MW-13 GW-17303-052312-CB-322 05/23/2012	PAOC 19 MW19-04 GW-17303-021312-CB-046 02/13/2012
	Units										
Inorganics											
Aluminum	mg/L	-	-	-	-	-	1.6 U	1.4 U	0.05 U	0.05 U	0.05 U
Antimony	mg/L	0.016 ^{eh}	0.013 ^{eh}	-	-	22.6 ^{dehj}	0.002 U	0.002 U	0.00016 J	0.002 U	0.002 U
Arsenic	mg/L	0.0041 J	0.0075 J	-	-	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	-	-	-	-	4.38 ^{deh}	0.092 J	0.071 J	0.025 J	0.015 J	0.014 J
Beryllium	mg/L	-	-	-	-	0.02 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	-	-	-	0.69 ^{dehj}	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Calcium	mg/L	-	-	-	-	-	--	--	--	110	--
Chromium	mg/L	0.0020 J	0.0038 J	-	0.0050 U	410 ^{deh}	0.0027 J	0.0023 J	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	-	-	-	-	-	--	--	0.010 U	0.010 U	0.010 U
Chromium VI (hexavalent)	mg/L	-	-	-	-	-	--	--	0.010 U	0.010 U	0.010 U
Cobalt	mg/L	0.0021 J	0.0032 J	-	0.0070 U	0.683 ^{deh}	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	-	-	-	-	0.394 ^{dj}	0.002 U	0.002 U	0.0029 U	0.002 U	0.002 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	-	0.033 ^d	-	-	-	-	-	-
Iron	mg/L	-	-	-	-	-	--	--	--	0.11	--
Iron (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	-	-	0.0053 ^{eh}	-	7.25 ^{dehj}	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	-	-	-	-	-	--	--	--	21	--
Manganese	mg/L	-	-	-	-	8.02 ^{deh}	0.037	0.021	0.031	0.0062 J	0.031
Manganese (dissolved)	mg/L	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.00020 U	0.00020 U	-	-	0.0158 ^{deh}	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	-	-	-	-	0.106 ^{eh}	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Potassium	mg/L	-	-	-	-	-	--	--	--	1 U	--
Selenium	mg/L	0.0020 U	0.0020 U	-	0.0017 J	0.1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.00050 U	0.00050 U	-	0.00050 U	0.001 J ^d	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	-	-	-	-	-	--	--	--	21	--
Thallium	mg/L	-	-	-	-	0.00076 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	-	-	-	-	0.0425 J ^{dh}	0.0013 J	0.0009 J	0.004 U	0.004 U	0.004 U
Zinc	mg/L	-	-	-	-	138 ^{dehj}	0.0078 J	0.02 U	0.02 U	0.02 U	0.02 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-04 GW-17303-052312-CB-323 05/23/2012	PAOC 19 MW19-04 GW-17303-052312-CB-324 05/23/2012 Duplicate	PAOC 19 MW19-11 GW-17303-021312-CB-044 02/13/2012	PAOC 29 MW19-12 GW-17303-021412-CB-048 02/14/2012	PAOC 19 MW19-23 GW-17303-021412-CB-050 02/14/2012	PAOC 19 MW19-29 GW-17303-093011-CB-042 09/30/2011	PAOC 19 MW19-29 GW-17303-093011-CB-043 09/30/2011 Duplicate	PAOC 19 MW19-30 GW-17303-093011-CB-045 09/30/2011	PAOC 19 MW19-31 GW-17303-093011-CB-044 09/30/2011	PAOC 19 MW19-32 GW-17303-022212-CB-067 02/22/2012
	Units										
Inorganics											
Aluminum	mg/L	0.093 ^{eh}	0.04 J	0.05 U	0.29 ^{eh}	0.05 U	0.035 J	0.027 J	0.05 U	0.028 J	0.19 ^{eh}
Antimony	mg/L	0.002 U	0.002 U	0.0041	0.0028	0.00016 J	0.00057 J	0.00065 J	0.00034 J	0.00071 J	0.00053 J
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.017 J	0.016 J	0.12	0.14	0.033 J	0.15	0.16	0.13	0.074 J	0.2
Beryllium	mg/L	0.001 U	0.00046 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Calcium	mg/L	64	64	--	--	--	--	--	--	--	--
Chromium	mg/L	0.005 U	0.005 U	0.0075	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	0.010 U	0.010 U	--	--	--	--	--	--	--	0.010 U
Chromium VI (hexavalent)	mg/L	0.010 U	0.010 U	--	--	--	--	--	--	--	0.010 U
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.00082 J	0.002 U	0.002 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	--	-	-	-	-	-	-
Iron	mg/L	0.38 J ^{eh}	0.17 J	--	--	--	--	--	--	--	--
Iron (dissolved)	mg/L	-	-	-	--	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	--	-	-	-	-	-	-
Magnesium	mg/L	11	11	--	--	--	--	--	--	--	--
Manganese	mg/L	0.068 ^{eh}	0.048	0.35 ^{eh}	0.34 ^{eh}	0.012 J	0.23 ^{eh}	0.24 ^{eh}	0.18 ^{eh}	0.11 ^{eh}	0.27 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	--	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.02 U	0.0099 J	0.0063 J	0.02 U	0.02 U	0.02 U	0.0032 J	0.02 U	0.0053 J
Potassium	mg/L	1 U	1 U	--	--	--	--	--	--	--	--
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0067 ^d	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	53	54	--	--	--	--	--	--	--	--
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0011	0.00085 J	0.00064 J	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.00089 J	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS -
INORGANICS
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		MW19-32	MW19-33	MW19-33	MW19-34	MW19-34	MW19-34
Sample ID:		GW-17303-052312-CB-321	GW-17303-022212-CB-066	GW-17303-052312-CB-320	GW-17303-022212-CB-064	GW-17303-022212-CB-065	GW-17303-052312-CB-319
Sample Date:		05/23/2012	02/22/2012	05/23/2012	02/22/2012	02/22/2012	05/23/2012
Sample Type:						Duplicate	
Parameter:		Units					
Inorganics							
Aluminum	mg/L	0.049 J	0.062 ^{eh}	0.088 ^{eh}	0.18 ^{eh}	0.2 ^{eh}	0.12 ^{eh}
Antimony	mg/L	0.00041 J	0.00025 J	0.002 U	0.00046 J	0.00051 J	0.00042 J
Arsenic	mg/L	0.005 U	0.0062 U	0.014 ^{deh}	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.09 J	0.26	0.26	0.14	0.14	0.13
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Calcium	mg/L	140	--	230	--	--	190
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chromium III (trivalent)	mg/L	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Chromium VI (hexavalent)	mg/L	0.010 U	0.0033 J	0.010 U	0.010 U	0.010 U	0.010 U
Cobalt	mg/L	0.007 U	0.007 U	0.002 J	0.007 U	0.007 U	0.0017 J
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cyanide (total)	mg/L	-	-	-	-	-	-
Iron	mg/L	0.091 J	--	8.4 ^{eh}	--	--	0.58 ^{eh}
Iron (dissolved)	mg/L	-	-	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-	-	-
Magnesium	mg/L	19	--	35	--	--	26
Manganese	mg/L	0.12 ^{eh}	0.73 ^{eh}	1 ^{eh}	0.48 ^{eh}	0.49 ^{eh}	0.48 ^{eh}
Manganese (dissolved)	mg/L	-	-	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.02 U	0.0035 J	0.02 U	0.0041 J	0.0036 J	0.02 U
Potassium	mg/L	6	--	11	--	--	12
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium	mg/L	1200 ^{eh}	--	890 ^{eh}	--	--	1600 ^{eh}
Thallium	mg/L	0.00015 J	0.001 U	0.001 U	0.001 U	0.001 U	0.00015 J
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
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NLL - Hazardous substance is not likely to leach under most soil conditions.
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		Acute Inhalation Screening Level	Flammability and Explosivity Screening Level	Groundwater Contact Criteria	Groundwater Surface Water Interface Criteria	Nonresidential Drinking Water Criteria	Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Water Solubility	Residential Drinking Water Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria and RBSLs	Final Acute Value	PAOC 18 GS-5 WG-17303-062906-LA-010 06/29/2006
	Units	a	b	c	d	e	f	g	h	i	j	
PCBs												
Aroclor-1016 (PCB-1016)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.001 U
Aroclor-1221 (PCB-1221)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.001 U
Aroclor-1232 (PCB-1232)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.001 U
Aroclor-1242 (PCB-1242)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.001 U
Aroclor-1248 (PCB-1248)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.001 U
Aroclor-1254 (PCB-1254)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.0082 ^{cdeh}
Aroclor-1260 (PCB-1260)	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.001 U
Total PCBs	mg/L	ID	ID	0.0033	0.0002	0.0005	0.045	0.0447	0.0005	0.045	ID	0.0082 ^{cdeh}

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-5 WG-17303-100306-EV-047 10/03/2006	PAOC 18 GS-5 WG-17303-120506-AF-002 12/05/2006	PAOC 18 GS-5 WG-17303-060507-EV-004 06/05/2007	PAOC 18 GS-5 WG-17303-090607-NRS-026 09/06/2007	PAOC 18 GS-5 GW-17303-120607-DR-023 12/06/2007	PAOC 18 GS-6 WG-17303-030806-LA-0953 03/08/2006	PAOC 18 GS-6 WG-17303-051106-NRS-001 05/11/2006	PAOC 18 GS-6 WG-17303-120506-AF-001 12/05/2006	PAOC 18 GS-6 WG-17303-031207-EV-031 03/12/2007
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U D 0.0001 U	0.00017 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U D 0.0001 U	0.00017 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U D 0.0001 U	0.00017 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U D 0.0001 U	0.00017 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00044 D 0.00057 ^d	0.00017 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U D 0.0001 U	0.00017 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0013 ^{deh}	0.0017 ^{deh}	0.000084 J	0.000059 J	0.00014	0.00041 D 0.00024 ^d	0.00022 ^d	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0013 ^{deh}	0.0017 ^{deh}	0.000084	0.000059	0.00014	0.00166 ^{deh}	0.00022 ^d	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-6 WG-17303-060507-EV-005 06/05/2007	PAOC 18 GS-6 WG-17303-090507-DR-011 09/05/2007	PAOC 18 GS-6 WG-17303-120507-DR-011 12/05/2007	PAOC 18 GS-6 WG-17303-032608-CB-019 03/26/2008	PAOC 18 GS-6 WG-17303-061908-CB-017 06/19/2008	PAOC 18 GS-6 WG-17303-092408-CB-045 09/24/2008	PAOC 18 GS-8 WG-17303-030806-NR-0955 03/08/2006	PAOC 18 GS-8 WG-17303-062906-LA-011 06/29/2006	PAOC 18 GS-8 WG-17303-100306-NRS-038 10/03/2006
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00006 J	0.0001 U	0.000042 J
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00006	0.0001 U	0.000042

Notes:
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UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 GS-8 WG-17303-120606-EV-014 12/06/2006	PAOC 18 GS-8 WG-17303-030807-DR-005 03/08/2007	PAOC 18 GS-8 WG-17303-060807-DR-032 06/08/2007	PAOC 18 GS-8 WG-17303-090607-NRS-014 09/06/2007	PAOC 18 GS-8 WG-17303-032508-DR-004 03/25/2008	PAOC 18 GS-8 WG-17303-061908-DR-016 06/19/2008	PAOC 18 GS-8 WG-17303-092508-DR-052 09/25/2008	PAOC 18 GS-8 WG-17303-032609-CB-094 03/26/2009	PAOC 18 IW-41 WG-17303-032609-CB-093 03/26/2009
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000072 J
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000072

Notes:
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-44 WG-17303-030806-NR-0957 03/08/2006	PAOC 18 IW-44 WG-17303-070606-EV-028 07/06/2006	PAOC 18 IW-44 WG-17303-100306-NRS-045 10/03/2006	PAOC 18 IW-44 WG-17303-120506-DK-003 12/05/2006	PAOC 18 IW-44 WG-17303-030807-DR-014 03/08/2007	PAOC 18 IW-44 WG-17303-060707-DR-026 06/07/2007	PAOC 18 IW-44 WG-17303-090507-EV-001 09/05/2007	PAOC 18 IW-44 WG-17303-032408-DR-002 03/24/2008	PAOC 18 IW-44 WG-17303-061808-DR-002 06/18/2008
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000054 J
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000054

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-44 WG-17303-092508-CB-053 09/25/2008	PAOC 18 IW-44 WG-17303-032609-CB-092 03/26/2009	PAOC 18 IW-45 WG-17303-032609-CB-089 03/26/2009	PAOC 18 IW-46 WG-17303-030806-NR-0956 03/08/2006	PAOC 18 IW-46 WG-17303-063006-EV-018 06/30/2006	PAOC 18 IW-46 WG-17303-100506-NRS-062 10/05/2006	PAOC 18 IW-46 WG-17303-120506-DK-008 12/05/2006	PAOC 18 IW-46 WG-17303-030807-NRS-010 03/08/2007	PAOC 18 IW-46 WG-17303-060507-EV-006 06/05/2007
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.00027 ^d	0.0001 U	0.0001 U	0.00019	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.00027 ^d	0.0001 U	0.0001 U	0.00019	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 IW-46 WG-17303-090507-DR-008 09/05/2007	PAOC 18 IW-46 WG-17303-120407-DR-002 12/04/2007	PAOC 18 IW-46 WG-17303-032508-CB-011 03/25/2008	PAOC 18 IW-46 WG-17303-061808-DR-008 06/18/2008	PAOC 18 IW-46 WG-17303-092308-CB-031 09/23/2008	PAOC 18 IW-55 WG-17303-032609-CB-095 03/26/2009	PAOC 18 MW-6 WG-17303-030806-NR-0958 03/08/2006	PAOC 18 MW-6 WG-17303-063006-LR-019 06/30/2006	PAOC 18 MW-6 WG-17303-100506-NRS-063 10/05/2006
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000074 J	0.000084 J	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000074	0.000084	0.0001 U	0.0001 U

Notes:
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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-6 WG-17303-100506-NRS-064 10/05/2006 Duplicate	PAOC 18 MW-6 WG-17303-120606-AF-013 12/06/2006	PAOC 18 MW-6 WG-17303-030807-EV-017 03/08/2007	PAOC 18 MW-6 WG-17303-060507-DR-008 06/05/2007	PAOC 18 MW-6 WG-17303-090507-DR-009 09/05/2007	PAOC 18 MW-6 GW-17303-120607-DR-027 12/06/2007	PAOC 18 MW-6 WG-17303-032508-CB-013 03/25/2008	PAOC 18 MW-6 WG-17303-061908-DR-019 06/19/2008	PAOC 18 MW-6 WG-17303-092308-CB-029 09/23/2008
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000053 J	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000053	0.0001 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW18-07 WG-17303-030806-LA-0960 03/08/2006	PAOC 18 MW18-07 WG-17303-070606-EV-027 07/06/2006	PAOC 18 MW18-07 WG-17303-100306-NRS-046 10/03/2006	PAOC 18 MW18-07 WG-17303-120606-JJ-011 12/06/2006	PAOC 18 MW18-07 WG-17303-120606-JJ-012 12/06/2006 Duplicate	PAOC 18 MW18-07 WG-17303-030907-JJ-027 03/09/2007	PAOC 18 MW18-07 WG-17303-060507-EV-009 06/05/2007	PAOC 18 MW18-07 WG-17303-090507-DR-010 09/05/2007	PAOC 18 MW18-07 WG-17303-120507-DR-012 12/05/2007
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.00034 ^d	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.00034 ^d	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW18-07 WG-17303-032608-CB-020 03/26/2008	PAOC 18 MW18-07 WG-17303-061908-CB-018 06/19/2008	PAOC 18 MW18-07 WG-17303-092408-CB-047 09/24/2008	PAOC 18 MW-18-45 WG-17303-030806-NR-0959 03/08/2006	PAOC 18 MW-18-45 WG-17303-070606-EV-029 07/06/2006	PAOC 18 MW-18-45 WG-17303-100306-NRS-039 10/03/2006	PAOC 18 MW-18-45 WG-17303-120506-DK-004 12/05/2006	PAOC 18 MW-18-45 WG-17303-030807-DR-013 03/08/2007	PAOC 18 MW-18-45 WG-17303-060707-DR-027 06/07/2007
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.00004 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.00004	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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R - Rejected value
U - Not present at or above the associated value
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-18-45 WG-17303-060707-DR-028 06/07/2007 Duplicate	PAOC 18 MW-18-45 WG-17303-090507-NRS-004 09/05/2007	PAOC 18 MW-18-45 WG-17303-090507-NRS-006 09/05/2007 Duplicate	PAOC 18 MW-18-45 WG-17303-120507-DR-009 12/05/2007	PAOC 18 MW-18-45 WG-17303-120507-DR-010 12/05/2007 Duplicate	PAOC 18 MW-18-45 WG-17303-032508-DR-007 03/25/2008	PAOC 18 MW-18-45 WG-17303-032508-DR-008 03/25/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-061808-DR-003 06/18/2008	PAOC 18 MW-18-45 WG-17303-061808-DR-004 06/18/2008 Duplicate
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 18 MW-18-45 WG-17303-092508-CB-055 09/25/2008	PAOC 18 MW-18-45 WG-17303-092508-CB-056 09/25/2008 Duplicate	PAOC 18 MW-18-45 WG-17303-032609-CB-090 03/26/2009	PAOC 18 MW-18-45 WG-17303-032609-CB-091 03/26/2009 Duplicate	PAOC 18 TP18-06 L-17303-090804-BW-586 09/08/2004	PAOC 19 GS-7 WG-17303-031006-NR-0954 03/10/2006	PAOC 19 GS-7 GW-17303-062806-EV-005 06/28/2006	PAOC 19 GS-7 WG-17303-100306-LA-042 10/03/2006	PAOC 19 GS-7 WG-17303-120706-EV-028 12/07/2006
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.4 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.4 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.4 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.4 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.4 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.4 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	2.6 ^{cdefghi}	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	2.6 ^{cdefghi}	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 GS-7 WG-17303-031207-EV-030 03/12/2007	PAOC 19 GS-7 WG-17303-060607-EV-017 06/06/2007	PAOC 19 GS-7 WG-17303-090707-EV-029 09/07/2007	PAOC 19 GS-7 GW-17303-120607-DR-028 12/06/2007	PAOC 19 GS-7 WG-17303-032708-MC-031 03/27/2008	PAOC 19 GS-7 WG-17303-061908-DR-027 06/19/2008	PAOC 19 GS-7 WG-17303-092408-DR-046 09/24/2008	PAOC 19 MW-4 WG-17303-030906-NR-0973 03/09/2006	PAOC 19 MW-4 WG-17303-062906-NRS-007 06/29/2006
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00017	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00017	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-4 WG-17303-100306-LA-043 10/03/2006	PAOC 19 MW-4 WG-17303-100306-LA-044 10/03/2006 Duplicate	PAOC 19 MW-4 WG-17303-120606-JJ-025 12/06/2006	PAOC 19 MW-4 WG-17303-030807-JJ-009 03/08/2007	PAOC 19 MW-4 WG-17303-060607-EV-020 06/06/2007	PAOC 19 MW-4 WG-17303-090607-EV-019 09/06/2007	PAOC 19 MW-4 GW-17303-120607-DR-030 12/06/2007	PAOC 19 MW-4 WG-17303-032708-MC-027 03/27/2008	PAOC 19 MW-4 WG-17303-092308-DR-036 09/23/2008
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-12 WG-17303-100506-NRS-061 10/05/2006	PAOC 19 MW-12 WG-17303-120706-DK-029 12/07/2006	PAOC 19 MW-12 WG-17303-030807-NRS-012 03/08/2007	PAOC 19 MW-12 WG-17303-060507-EV-010 06/05/2007	PAOC 19 MW-12 WG-17303-090507-DR-005 09/05/2007	PAOC 19 MW-12 WG-17303-120407-DR-001 12/04/2007	PAOC 19 MW-12 WG-17303-032508-CB-014 03/25/2008	PAOC 19 MW-12 WG-17303-061808-DR-007 06/18/2008	PAOC 19 MW-12 WG-17303-092308-CB-033 09/23/2008
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0002	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 WG-17303-030706-NR-0949 03/07/2006	PAOC 19 MW-14 WG-17303-070606-EV-026 07/06/2006	PAOC 19 MW-14 WG-17303-100406-NRS-058 10/04/2006	PAOC 19 MW-14 WG-17303-120606-DK-017 12/06/2006	PAOC 19 MW-14 WG-17303-030807-NRS-011 03/08/2007	PAOC 19 MW-14 WG-17303-060507-EV-012 06/05/2007	PAOC 19 MW-14 WG-17303-090607-NRS-017 09/06/2007	PAOC 19 MW-14 WG-17303-120507-DR-014 12/05/2007	PAOC 19 MW-14 WG-17303-032508-MC-009 03/25/2008
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.00007 J	0.0001 U	0.000068 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.00007	0.0001 U	0.000068	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW-14 WG-17303-092308-CB-035 09/23/2008	PAOC 19 MW19-01 WG-17303-030706-LA-0945 03/07/2006	PAOC 19 MW19-01 WG-17303-062906-NRS-008 06/29/2006	PAOC 19 MW19-01 WG-17303-100406-LA-051 10/04/2006	PAOC 19 MW19-01 WG-17303-120606-LA-024 12/06/2006	PAOC 19 MW19-01 WG-17303-030807-JJ-008 03/08/2007	PAOC 19 MW19-01 WG-17303-060607-DR-019 06/06/2007	PAOC 19 MW19-01 WG-17303-090607-EV-021 09/06/2007	PAOC 19 MW19-01 WG-17303-120507-DR-017 12/05/2007
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-01 WG-17303-120507-DR-018 12/05/2007 Duplicate	PAOC 19 MW19-01 WG-17303-032608-MC-022 03/26/2008	PAOC 19 MW19-01 WG-17303-092308-DR-038 09/23/2008	PAOC 19 MW19-02 WG-17303-030706-AB-0947 03/07/2006	PAOC 19 MW19-02 WG-17303-063006-LA-014 06/30/2006	PAOC 19 MW19-02 WG-17303-063006-LA-015 06/30/2006 Duplicate	PAOC 19 MW19-02 WG-17303-100406-NRS-054 10/04/2006	PAOC 19 MW19-02 WG-17303-120606-LA-015 12/06/2006	PAOC 19 MW19-02 WG-17303-030907-NRS-021 03/09/2007
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
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NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-02 WG-17303-030907-NRS-022 03/09/2007 Duplicate	PAOC 19 MW19-02 WG-17303-060607-DR-015 06/06/2007	PAOC 19 MW19-02 WG-17303-060607-DR-016 06/06/2007 Duplicate	PAOC 19 MW19-02 WG-17303-090707-DR-030 09/07/2007	PAOC 19 MW19-02 WG-17303-120507-DR-013 12/05/2007	PAOC 19 MW19-02 WG-17303-032608-CB-021 03/26/2008	PAOC 19 MW19-02 WG-17303-092308-CB-037 09/23/2008	PAOC 19 MW19-03 WG-17303-030706-NR-0946 03/07/2006	PAOC 19 MW19-03 WG-17303-070706-EV-033 07/07/2006
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00016	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00016	0.0001 U	0.0001 U

Notes:
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R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-03 WG-17303-100406-NRS-057 10/04/2006	PAOC 19 MW19-03 WG-17303-120606-LA-016 12/06/2006	PAOC 19 MW19-03 WG-17303-030907-NRS-026 03/09/2007	PAOC 19 MW19-03 WG-17303-060507-DR-011 06/05/2007	PAOC 19 MW19-03 WG-17303-090607-NRS-020 09/06/2007	PAOC 19 MW19-03 WG-17303-120507-DR-015 12/05/2007	PAOC 19 MW19-03 WG-17303-032508-MC-010 03/25/2008	PAOC 19 MW19-07 WG-17303-030706-LA-0944 03/07/2006	PAOC 19 MW19-07 WG-17303-070506-EV-024 07/05/2006
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000049 J
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000049

Notes:
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UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-07 WG-17303-100406-NRS-053 10/04/2006	PAOC 19 MW19-07 WG-17303-120606-LA-023 12/06/2006	PAOC 19 MW19-07 WG-17303-030807-JJ-015 03/08/2007	PAOC 19 MW19-07 WG-17303-030807-JJ-016 03/08/2007 Duplicate	PAOC 19 MW19-07 WG-17303-060507-DR-007 06/05/2007	PAOC 19 MW19-07 WG-17303-090607-EV-023 09/06/2007	PAOC 19 MW19-07 WG-17303-090607-EV-024 09/06/2007 Duplicate	PAOC 19 MW19-07 WG-17303-120507-DR-019 12/05/2007	PAOC 19 MW19-07 WG-17303-032608-MC-017 03/26/2008
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00005 J
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.00005

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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-07 WG-17303-032608-MC-018 03/26/2008 Duplicate	PAOC 19 MW19-07 WG-17303-061808-DR-013 06/18/2008	PAOC 19 MW19-07 WG-17303-061808-DR-014 06/18/2008 Duplicate	PAOC 19 MW19-07 WG-17303-092308-CB-039 09/23/2008	PAOC 19 MW19-07 WG-17303-092308-CB-040 09/23/2008 Duplicate	PAOC 19 MW19-24 WG-17303-030706-AB-0948 03/07/2006	PAOC 19 MW19-24 WG-17303-062906-NRS-009 06/29/2006	PAOC 19 MW19-24 WG-17303-100406-LA-052 10/04/2006	PAOC 19 MW19-24 WG-17303-120606-AF-021 12/06/2006
PCBs	Units									
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 MW19-24 WG-17303-120606-AF-022 12/06/2006 Duplicate	PAOC 19 MW19-24 WG-17303-030907-NRS-020 03/09/2007	PAOC 19 MW19-24 WG-17303-060607-DR-018 06/06/2007	PAOC 19 MW19-24 WG-17303-090607-EV-022 09/06/2007	PAOC 19 MW19-24 WG-17303-120507-DR-016 12/05/2007	PAOC 19 MW19-24 WG-17303-032508-MC-012 03/25/2008	PAOC 19 MW19-24 WG-17303-092308-CB-041 09/23/2008	PAOC 23 IW-9 WG-17303-030906-EV-0963 03/09/2006	PAOC 23 IW-9 WG-17303-030906-NR-0965 03/09/2006 Duplicate
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.000086 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.000086	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-9 WG-17303-070506-EV-021 07/05/2006	PAOC 23 IW-9 WG-17303-100306-EV-041 10/03/2006	PAOC 23 IW-9 WG-17303-120606-DK-020 12/06/2006	PAOC 23 IW-9 WG-17303-030907-EV-023 03/09/2007	PAOC 23 IW-9 WG-17303-060507-DR-001 06/05/2007	PAOC 23 IW-9 WG-17303-090607-EV-018 09/06/2007	PAOC 23 IW-9 GW-17303-120607-DR-024 12/06/2007	PAOC 23 IW-9 WG-17303-032708-CB-030 03/27/2008	PAOC 23 IW-9 WG-17303-092308-DR-032 09/23/2008
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.00067 ^{deh}	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.00067 ^{deh}	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-12 WG-17303-030906-EV-0961 03/09/2006	PAOC 23 IW-12 WG-17303-070506-EV-022 07/05/2006	PAOC 23 IW-12 WG-17303-100406-LA-056 10/04/2006	PAOC 23 IW-12 WG-17303-120606-EV-019 12/06/2006	PAOC 23 IW-12 WG-17303-030907-EV-024 03/09/2007	PAOC 23 IW-12 WG-17303-060507-DR-002 06/05/2007	PAOC 23 IW-12 WG-17303-090607-EV-015 09/06/2007	PAOC 23 IW-12 GW-17303-120607-DR-025 12/06/2007	PAOC 23 IW-12 WG-17303-032708-CB-029 03/27/2008
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.000052 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.000052	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-12 WG-17303-092308-DR-030 09/23/2008	PAOC 23 IW-20 WG-17303-061605-DR-0792 06/16/2005	PAOC 23 IW-33 WG-17303-031006-EV-0962 03/10/2006	PAOC 23 IW-33 WG-17303-070506-EV-023 07/05/2006	PAOC 23 IW-33 WG-17303-100406-LA-055 10/04/2006	PAOC 23 IW-33 WG-17303-120606-EV-018 12/06/2006	PAOC 23 IW-33 WG-17303-030907-EV-025 03/09/2007	PAOC 23 IW-33 WG-17303-060507-DR-003 06/05/2007	PAOC 23 IW-33 WG-17303-090607-EV-016 09/06/2007
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.000086 J	0.0005 ^d	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.000086	0.0005 ^d	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U

Notes:
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 23 IW-33 GW-17303-120607-DR-026 12/06/2007	PAOC 23 IW-33 WG-17303-032708-CB-028 03/27/2008	PAOC 23 IW-33 WG-17303-092308-DR-034 09/23/2008	PAOC 23 MW19-09 WG-17303-061605-DR-0794 06/16/2005	PAOC 23 MW19-09 WG-17303-061605-DR-0795 06/16/2005 Duplicate	PAOC 23 MW19-10 WG-17303-061605-DR-0793 06/16/2005	PAOC 23 MW19-25 WG-17303-061605-DR-0796 06/16/2005	PAOC 29 GS-3 WG-17303-031006-EV-0950 03/10/2006	PAOC 29 GS-3 WG-17303-062706-EV-001 06/27/2006
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0003 ^d	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0003 ^d	0.0001 U	0.0001 U

Notes:
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VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-3 WG-17303-100306-EV-037 10/03/2006	PAOC 29 GS-3 WG-17303-120506-LA-006 12/05/2006	PAOC 29 GS-3 WG-17303-030707-DR-002 03/07/2007	PAOC 29 GS-3 WG-17303-060607-EV-023 06/06/2007	PAOC 29 GS-3 WG-17303-090707-EV-031 09/07/2007	PAOC 29 GS-3 WG-17303-120707-DR-033 12/07/2007	PAOC 29 GS-3 WG-17303-032708-CB-023 03/27/2008	PAOC 29 GS-3 WG-17303-061908-CB-026 06/19/2008	PAOC 29 GS-3 WG-17303-092508-DR-048 09/25/2008
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000093 J	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.000093	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-3 WG-17303-121008-CB-070 12/10/2008	PAOC 29 GS-4 WG-17303-031006-EV-0951 03/10/2006	PAOC 29 GS-4 GW-17303-062806-EV-003 06/28/2006	PAOC 29 GS-4 WG-17303-100306-EV-036 10/03/2006	PAOC 29 GS-4 WG-17303-120506-LA-007 12/05/2006	PAOC 29 GS-4 WG-17303-030707-DR-001 03/07/2007	PAOC 29 GS-4 WG-17303-060607-EV-022 06/06/2007	PAOC 29 GS-4 WG-17303-090707-DR-032 09/07/2007	PAOC 29 GS-4 WG-17303-120707-DR-034 12/07/2007
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.000049 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001 U	0.000049	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 UJ	0.0001 U	0.0001 U

Notes:
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PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 GS-4 WG-17303-032608-MC-024 03/26/2008	PAOC 29 GS-4 WG-17303-061908-CB-025 06/19/2008	PAOC 29 GS-4 WG-17303-092408-CB-049 09/24/2008	PAOC 29 GS-4 WG-17303-121008-CB-071 12/10/2008	PAOC 29 MW19-12 WG-17303-030906-LA-0964 03/09/2006	PAOC 29 MW19-12 WG-17303-030906-LA-0966 03/09/2006 Duplicate	PAOC 29 MW19-12 WG-17303-063006-EV-016 06/30/2006	PAOC 29 MW19-12 WG-17303-063006-EV-017 06/30/2006 Duplicate	PAOC 29 MW19-12 WG-17303-100306-EV-040 10/03/2006
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001	0.0001 U	0.000087 J	0.0001 U	0.000089 J	0.000066 J	0.0001 U	0.0001 U	0.0001 U
Total PCBs	mg/L	0.0001	0.0001 U	0.000087	0.0001 U	0.000089	0.000066	0.0001 U	0.0001 U	0.0001 U

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RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 29 MW19-12 WG-17303-120506-JJ-005 12/05/2006	PAOC 29 MW19-12 WG-17303-030707-DR-003 03/07/2007	PAOC 29 MW19-12 WG-17303-060607-DR-021 06/06/2007	PAOC 29 MW19-12 WG-17303-090607-EV-025 09/06/2007	PAOC 29 MW19-12 GW-17303-120607-DR-029 12/06/2007	PAOC 29 MW19-12 WG-17303-032708-CB-032 03/27/2008	PAOC 29 MW19-12 WG-17303-061908-DR-023 06/19/2008	PAOC 29 MW19-12 WG-17303-092408-DR-044 09/24/2008	Unknown TP-A30-DRM W-17303-061405-BW-0778 06/14/2005
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.000069 J	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.000088 J	0.0001 U	0.0001 U	0.000091 J	0.000067 J	0.000093 J	0.0001 U	0.000039 J	0.0001 U
Total PCBs	mg/L	0.000088	0.000069	0.0001 U	0.000091	0.000067	0.000093	0.0001 U	0.000039	0.0001 U

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COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC Sample Location: Sample ID: Sample Date: Sample Type: Parameter:		PAOC 19 DMW1 GW-17303-042412-CB-315 04/24/2012	PAOC 19 DMW2 GW-17303-042412-CB-314 04/24/2012	PAOC 19 MW19-11 GW-17303-021312-CB-044 02/13/2012	PAOC 29 MW19-12 GW-17303-021412-CB-048 02/14/2012	PAOC 19 MW19-23 GW-17303-021412-CB-050 02/14/2012	PAOC 19 MW19-29 GW-17303-093011-CB-042 09/30/2011	PAOC 19 MW19-29 GW-17303-093011-CB-043 09/30/2011 Duplicate	PAOC 19 MW19-30 GW-17303-093011-CB-045 09/30/2011	PAOC 19 MW19-31 GW-17303-093011-CB-044 09/30/2011
	Units									
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00022 ^d	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U
Total PCBs	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00022 ^d	0.000098 U	0.000095 U	0.0001 U	0.000095 U	0.000095 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAOC 19 - GROUNDWATER ANALYTICAL RESULTS PCBs
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

PAOC		PAOC 19	PAOC 19	PAOC 19	PAOC 19
Sample Location:		MW19-32	MW19-33	MW19-34	MW19-34
Sample ID:		GW-17303-022212-CB-067	GW-17303-022212-CB-066	GW-17303-022212-CB-064	GW-17303-022212-CB-065
Sample Date:		02/22/2012	02/22/2012	02/22/2012	02/22/2012
Sample Type:					Duplicate
Parameter:	Units				
PCBs					
Aroclor-1016 (PCB-1016)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Aroclor-1221 (PCB-1221)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Aroclor-1232 (PCB-1232)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Aroclor-1242 (PCB-1242)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Aroclor-1248 (PCB-1248)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Aroclor-1254 (PCB-1254)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Aroclor-1260 (PCB-1260)	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U
Total PCBs	mg/L	0.0001 U	0.00011 U	0.00011 U	0.00011 U

Notes:
The analytical data is compared to the Michigan Part 201 generic cleanup criteria developed by the MDEQ under the authority of the Natural Resources and Environmental Protection Act (1994 PA 451, as amended).
The metal concentrations at the Site are below the background concentrations, therefore, the results were not compared against the Part 201 statewide Background levels
- The analyte was not analyzed
ft BGS - feet below ground surface
ID - Insufficient data to develop criterion
J - The associated value is an estimated concentration
NLL - Hazardous substance is not likely to leach under most soil conditions.
NLV - Hazardous substance is not likely to volatilize under most conditions
R - Rejected value
U - Not present at or above the associated value
UJ - The associated value is an estimated reporting limit
VSIC - Volatile Soil Inhalation Criteria

PAINT SLUDGE ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

<i>Sample Location:</i>	RCRA	UTS	GP19-03D	GP19-03D	GP19-03D	SG19-10	SG19-10
<i>Sample Depth:</i>			0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	3-5 ft BGS	5-7 ft BGS
<i>Sample ID:</i>	x 20	Nonwastewater standard criteria	SO-17303-052705-DR-0710	SO-17303-052705-DR-0711	SO-17303-052705-DR-0712	SO-17303-020112-CB-001	ST-17303-020112-CB-002
<i>Sample Date:</i>		x 10	05/27/2005	05/27/2005	05/27/2005	02/01/2012	02/01/2012
<i>Parameters</i>	<i>Units</i>	<i>a</i>					
VOCs							
1,1,1-Trichloroethane	ug/kg		60000	20000 U	170000 U	38000 U	63000 U
1,1,2,2-Tetrachloroethane	ug/kg		60000	20000 U	170000 U	38000 U	63000 U
1,1,2-Trichloroethane	ug/kg		60000	20000 U	170000 U	14000 J	63000 U
1,1-Dichloroethane	ug/kg	14000	60000	20000 U	170000 U	38000 U	63000 U
1,1-Dichloroethene	ug/kg		60000	20000 U	170000 U	38000 U	63000 U
1,2,4-Trichlorobenzene	ug/kg		190000	98000 U	840000 U	190000 U	310000 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg		150000	98000 U	840000 U	190000 U	310000 U
1,2-Dibromoethane (Ethylene dibromide)	ug/kg		150000	98000 U	840000 U	190000 U	310000 U
1,2-Dichlorobenzene	ug/kg		60000	39000 U	340000 U	76000 U	130000 U
1,2-Dichloroethane	ug/kg	10000	60000	20000 U	170000 U	38000 U	63000 U
1,2-Dichloropropane	ug/kg		180000	20000 U	170000 U	38000 U	63000 U
1,3-Dichlorobenzene	ug/kg		60000	39000 U	340000 U	76000 U	130000 U
1,4-Dichlorobenzene	ug/kg	150000	60000	39000 U	340000 U	76000 U	130000 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/kg	4000000	360000	290000 U	2500000 U	570000 U	940000 U
2-Hexanone	ug/kg			980000 U	8400000 U	1900000 U	3100000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/kg		330000	980000 U	8400000 U	1900000 U	3100000 U
Acetone	ug/kg		1600000	290000 U	2500000 U	570000 U	940000 U
Benzene	ug/kg	10000	100000	20000 U	170000 U	38000 U	63000 U
Bromodichloromethane	ug/kg		150000	39000 U	340000 U	76000 U	130000 U
Bromoform	ug/kg		150000	39000 U	340000 U	76000 U	130000 U
Bromomethane (Methyl bromide)	ug/kg		150000	78000 U	670000 U	150000 U	310000 U
Carbon disulfide	ug/kg			98000 U	840000 U	190000 U	310000 U
Carbon tetrachloride	ug/kg	10000	60000	20000 U	170000 U	38000 U	63000 U
Chlorobenzene	ug/kg	2000000	60000	20000 U	170000 U	38000 U	63000 U
Chloroethane	ug/kg		60000	98000 U	840000 U	190000 U	310000 U
Chloroform (Trichloromethane)	ug/kg	120000	60000	20000 U	170000 U	38000 U	63000 U
Chloromethane (Methyl chloride)	ug/kg		300000	98000 U	840000 U	190000 U	310000 U
cis-1,2-Dichloroethene	ug/kg			38000	260000	58000	62000 J
cis-1,3-Dichloropropene	ug/kg		180000	20000 U	170000 U	38000 U	63000 U
Cyclohexane	ug/kg			470000 U	4000000 U	910000 U	1500000 U
Dibromochloromethane	ug/kg		150000	20000 U	170000 U	38000 U	63000 U
Dichlorodifluoromethane (CFC-12)	ug/kg		72000	39000 U	340000 U	76000 U	130000 U
Ethylbenzene	ug/kg		100000	3300 J	190000 ^b	63000	30000 J
Isopropyl benzene	ug/kg			98000 U	840000 U	190000 U	310000 U
Methyl acetate	ug/kg			470000 U	4000000 U	910000 U	1500000 U
Methyl cyclohexane	ug/kg			470000 U	4000000 U	910000 U	1500000 U
Methyl tert butyl ether (MTBE)	ug/kg			98000 U	840000 U	190000 U	310000 U
Methylene chloride	ug/kg		300000	98000 U	840000 U	190000 U	310000 U
Styrene	ug/kg			20000 U	170000 U	38000 U	63000 U
Tetrachloroethene	ug/kg	14000	60000	20000 U	170000 U	38000 U	63000 U
Toluene	ug/kg		100000	39000 U	80000 J	24000 J	32000 J
trans-1,2-Dichloroethene	ug/kg		300000	20000 U	170000 U	38000 U	63000 U
trans-1,3-Dichloropropene	ug/kg		180000	20000 U	170000 U	38000 U	63000 U
Trichloroethene	ug/kg	10000	60000	540000 ^{ab}	540000 ^{ab}	1600000 ^{ab}	5300000 ^{ab}
Trichlorofluoromethane (CFC-11)	ug/kg		300000	39000 U	340000 U	76000 U	130000 U
Trifluorotrichloroethane (Freon 113)	ug/kg		300000	98000 U	840000 U	190000 U	310000 U
Vinyl chloride	ug/kg	4000	60000	16000 U	130000 U	30000 U	50000 U
Xylenes (total)	ug/kg		300000	35000 J	1900000 ^b	700000 ^b	220000
SVOCs							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/kg			--	--	--	16000 U
2,4,5-Trichlorophenol	ug/kg	8000000	74000	--	--	--	16000 U
2,4,6-Trichlorophenol	ug/kg	40000	74000	--	--	--	16000 U
2,4-Dichlorophenol	ug/kg		140000	--	--	--	16000 U
2,4-Dimethylphenol	ug/kg		140000	--	--	--	16000 U
2,4-Dinitrophenol	ug/kg		1600000	--	--	--	8900 U
2,4-Dinitrotoluene	ug/kg	2600	1400000	--	--	--	16000 U
2,6-Dinitrotoluene	ug/kg		280000	--	--	--	16000 U
2-Chloronaphthalene	ug/kg		56000	--	--	--	16000 U
2-Chlorophenol	ug/kg		57000	--	--	--	16000 U

PAINT SLUDGE ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

<i>Sample Location:</i>	RCRA	UTS	GP19-03D	GP19-03D	GP19-03D	SG19-10	SG19-10
<i>Sample Depth:</i>			0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	3-5 ft BGS	5-7 ft BGS
<i>Sample ID:</i>	x 20	Nonwastewater standard criteria	SO-17303-052705-DR-0710	SO-17303-052705-DR-0711	SO-17303-052705-DR-0712	SO-17303-020112-CB-001	ST-17303-020112-CB-002
<i>Sample Date:</i>		x 10	05/27/2005	05/27/2005	05/27/2005	02/01/2012	02/01/2012
<i>Parameters</i>	<i>Units</i>	<i>a</i>					
2-Methylnaphthalene	ug/kg		--	--	--	1000 J	72000 J
2-Methylphenol	ug/kg	4000000	--	--	--	16000 U	110000 U
2-Nitroaniline	ug/kg		--	--	--	12000 U	86000 U
2-Nitrophenol	ug/kg		--	--	--	16000 U	110000 U
3&4-Methylphenol	ug/kg		--	--	--	16000 U	110000 U
3,3'-Dichlorobenzidine	ug/kg		--	--	--	16000 U	110000 U
3-Nitroaniline	ug/kg		--	--	--	12000 U	86000 U
4,6-Dinitro-2-methylphenol	ug/kg	1600000	--	--	--	12000 U	86000 U
4-Bromophenyl phenyl ether	ug/kg		--	--	--	8900 U	64000 U
4-Chloro-3-methylphenol	ug/kg		--	--	--	16000 U	110000 U
4-Chloroaniline	ug/kg		--	--	--	16000 U	110000 U
4-Chlorophenyl phenyl ether	ug/kg		--	--	--	12000 U	86000 U
4-Nitroaniline	ug/kg	280000	--	--	--	12000 U	86000 U
4-Nitrophenol	ug/kg	290000	--	--	--	20000 U	140000 U
Acenaphthene	ug/kg	34000	--	--	--	16000 U	110000 U
Acenaphthylene	ug/kg	34000	--	--	--	16000 U	110000 U
Acetophenone	ug/kg	97000	--	--	--	16000 U	110000 U
Anthracene	ug/kg	34000	--	--	--	16000 U	110000 U
Atrazine	ug/kg		--	--	--	2400 U	17000 U
Benzaldehyde	ug/kg		--	--	--	16000 U	110000 U
Benzo(a)anthracene	ug/kg	34000	--	--	--	16000 U	110000 U
Benzo(a)pyrene	ug/kg	34000	--	--	--	16000 U	110000 U
Benzo(b)fluoranthene	ug/kg	68000	--	--	--	16000 U	110000 U
Benzo(g,h,i)perylene	ug/kg	18000	--	--	--	16000 U	110000 U
Benzo(k)fluoranthene	ug/kg	68000	--	--	--	16000 U	110000 U
Biphenyl (1,1-Biphenyl)	ug/kg		--	--	--	16000 U	110000 U
bis(2-Chloroethoxy)methane	ug/kg	72000	--	--	--	16000 U	110000 U
bis(2-Chloroethyl)ether	ug/kg	60000	--	--	--	4700 U	34000 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/kg	280000	--	--	--	16000 U	110000 U
Butyl benzylphthalate (BBP)	ug/kg	280000	--	--	--	16000 U	110000 U
Caprolactam	ug/kg		--	--	--	16000 U	110000 U
Carbazole	ug/kg		--	--	--	16000 U	110000 U
Chrysene	ug/kg	34000	--	--	--	16000 U	110000 U
Dibenz(a,h)anthracene	ug/kg	82000	--	--	--	16000 U	110000 U
Dibenzofuran	ug/kg		--	--	--	16000 U	9400 J
Diethyl phthalate	ug/kg	280000	--	--	--	16000 U	110000 U
Dimethyl phthalate	ug/kg	280000	--	--	--	16000 U	110000 U
Di-n-butylphthalate (DBP)	ug/kg	280000	--	--	--	10000 J	1800000 ^a
Di-n-octyl phthalate (DnOP)	ug/kg	280000	--	--	--	16000 U	110000 U
Fluoranthene	ug/kg	34000	--	--	--	560 J	7400 J
Fluorene	ug/kg	34000	--	--	--	16000 U	110000 U
Hexachlorobenzene	ug/kg	2600	--	--	--	16000 U	110000 U
Hexachlorobutadiene	ug/kg	10000	--	--	--	2400 U	17000 U
Hexachlorocyclopentadiene	ug/kg		--	--	--	16000 U	110000 U
Hexachloroethane	ug/kg	60000	--	--	--	16000 U	110000 U
Indeno(1,2,3-cd)pyrene	ug/kg		--	--	--	16000 U	110000 U
Isophorone	ug/kg		--	--	--	16000 U	110000 U
Naphthalene	ug/kg		--	--	--	3400 J	320000 ^b
Nitrobenzene	ug/kg	40000	--	--	--	16000 U	110000 U
N-Nitrosodi-n-propylamine	ug/kg		--	--	--	16000 U	110000 U
N-Nitrosodiphenylamine	ug/kg		--	--	--	16000 U	110000 U
Pentachlorophenol	ug/kg	2000000	--	--	--	8900 U	64000 U
Phenanthrene	ug/kg		--	--	--	1700 J	30000 J
Phenol	ug/kg		--	--	--	16000 U	250000 ^b
Pyrene	ug/kg		--	--	--	1000 J	5200 J
<i>Metals</i>							
Antimony	ug/kg		--	--	--	5100000 B	1500000 B
Arsenic	ug/kg	100000	--	--	--	11000	13000
Barium	ug/kg	2000000	--	--	--	4400000 B ^a	1900000 B
Beryllium	ug/kg		--	--	--	170 U	3800 U
Cadmium	ug/kg	20000	--	--	--	5000	17000
Chromium	ug/kg	100000	--	--	--	2600000 ^a	45000000 ^a
Chromium III (trivalent)	ug/kg		--	--	--	2500000	2200000
Chromium VI (hexavalent)	ug/kg		--	--	--	100000	43000000

PAINT SLUDGE ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN

Sample Location:	RCRA	UTS	GP19-03D	GP19-03D	GP19-03D	SG19-10	SG19-10
Sample Depth:			0-3 ft BGS	3-6 ft BGS	6-9 ft BGS	3-5 ft BGS	5-7 ft BGS
Sample ID:	x 20	Nonwastewater standard criteria	SO-17303-052705-DR-0710	SO-17303-052705-DR-0711	SO-17303-052705-DR-0712	SO-17303-020112-CB-001	ST-17303-020112-CB-002
Sample Date:		x 10	05/27/2005	05/27/2005	05/27/2005	02/01/2012	02/01/2012
Parameters	Units	a	b				
Cobalt	ug/kg		--	--	--	9200	420000
Copper	ug/kg		--	--	--	44000	63000
Lead	ug/kg	100000	--	--	--	--	9000000 ^a
Lead - coarse fraction	ug/kg		--	--	--	390000	--
Lead - fine fraction	ug/kg		--	--	--	540000	--
Lead - total (calculated by fine/coarse fraction)	ug/kg		--	--	--	450000	--
Manganese	ug/kg		--	--	--	180000 B	480000 B
Mercury	ug/kg	4000	--	--	--	120	43 J
Nickel	ug/kg		--	--	--	4600	19000 U
Selenium	ug/kg	20000	--	--	--	17000 U	19000 U
Silver	ug/kg	100000	--	--	--	3800 J	9500 U
Thallium	ug/kg		--	--	--	8400 U	9500 U
Vanadium	ug/kg		--	--	--	9400	15000 J
Zinc	ug/kg		--	--	--	4500000 B	78000000 B
PCBs							
Aroclor-1016 (PCB-1016)	ug/kg		--	--	--	1600 U	38000 U
Aroclor-1221 (PCB-1221)	ug/kg		--	--	--	1600 U	38000 U
Aroclor-1232 (PCB-1232)	ug/kg		--	--	--	1600 U	38000 U
Aroclor-1242 (PCB-1242)	ug/kg		--	--	--	1600 U	38000 U
Aroclor-1248 (PCB-1248)	ug/kg		--	--	--	1600 U	38000 U
Aroclor-1254 (PCB-1254)	ug/kg		--	--	--	420 J	38000 U
Aroclor-1260 (PCB-1260)	ug/kg		--	--	--	1600 U	38000 U
Total PCBs	ug/kg	100000	--	--	--	420	38000 U
General Chemistry							
Total solids	%		88.8	56.5	91.4	--	--

**PRODUCT ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN**

Sample Location:		MW19-10	SB19-57	IW-40
Sample Depth:		-	6-6.9 ft BGS	-
Sample ID:		FP-17303-120712-EM-066	FP-17303-090512-EM-001	W-17303-032106-NR-0994
Sample Date:		12/07/2012	09/05/2012	03/21/2006
Parameters	Units			
VOCs				
1,1,1-Trichloroethane	ug/kg	5300 U	88000 U	2900000 U
1,1,2,2-Tetrachloroethane	ug/kg	5300 U	88000 U	2900000 U
1,1,2-Trichloroethane	ug/kg	5300 U	36000 J	2900000 U
1,1-Dichloroethane	ug/kg	5300 U	88000 U	2900000 U
1,1-Dichloroethene	ug/kg	1100 J	88000 U	2900000 U
1,2,4-Trichlorobenzene	ug/kg	5300 U	88000 U	5700000 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg	5300 U	88000 U	5700000 U
1,2-Dibromoethane (Ethylene dibromide)	ug/kg	5300 U	88000 U	2900000 U
1,2-Dichlorobenzene	ug/kg	4100 J	88000 U	5700000 U
1,2-Dichloroethane	ug/kg	5300 U	88000 U	2900000 U
1,2-Dichloropropane	ug/kg	5300 U	88000 U	2900000 U
1,3-Dichlorobenzene	ug/kg	5300 U	88000 U	5700000 U
1,4-Dichlorobenzene	ug/kg	1100 J	88000 U	5700000 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/kg	21000 U	350000 U	12000000 U
2-Hexanone	ug/kg	21000 U	350000 U	12000000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/kg	21000 U	350000 U	12000000 U
Acetone	ug/kg	21000 U	44000 JB	12000000 U
Benzene	ug/kg	2500 J	30000 J	510000 J
Bromodichloromethane	ug/kg	5300 U	88000 U	2900000 U
Bromoform	ug/kg	5300 U	88000 U	2900000 U
Bromomethane (Methyl bromide)	ug/kg	11000 U	180000 U	5700000 UJ
Carbon disulfide	ug/kg	5300 U	9300 JB	2900000 U
Carbon tetrachloride	ug/kg	5300 U	88000 U	2900000 U
Chlorobenzene	ug/kg	5300 U	88000 U	2900000 U
Chloroethane	ug/kg	11000 U	180000 U	5700000 U
Chloroform (Trichloromethane)	ug/kg	5300 U	88000 U	2900000 U
Chloromethane (Methyl chloride)	ug/kg	11000 U	180000 U	5700000 U
cis-1,2-Dichloroethene	ug/kg	150000	600000	10000000
cis-1,3-Dichloropropene	ug/kg	5300 U	88000 U	2900000 U
Cyclohexane	ug/kg	14000	180000 U	12000000 U
Dibromochloromethane	ug/kg	5300 U	88000 U	2900000 U
Dichlorodifluoromethane (CFC-12)	ug/kg	11000 U	180000 U	5700000 U
Ethylbenzene	ug/kg	200000	380000	1400000 J
Isopropyl benzene	ug/kg	82000	75000 JB	410000 J
Methyl acetate	ug/kg	11000 U	180000 U	5700000 U
Methyl cyclohexane	ug/kg	150000	88000 U	900000 J
Methyl tert butyl ether (MTBE)	ug/kg	21000 U	350000 U	12000000 U
Methylene chloride	ug/kg	5300 U	88000 U	2900000 U
Styrene	ug/kg	5300 U	88000 U	2900000 UJ
Tetrachloroethene	ug/kg	5300 U	88000 U	2900000 U
Toluene	ug/kg	3400 J	320000	13000000
trans-1,2-Dichloroethene	ug/kg	1500 J	88000 U	1500000 U
trans-1,3-Dichloropropene	ug/kg	5300 U	88000 U	2900000 U
Trichloroethene	ug/kg	14000	25000000	57000000
Trichlorofluoromethane (CFC-11)	ug/kg	11000 U	180000 U	5700000 U

**PRODUCT ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN**

<i>Sample Location:</i>		<i>MW19-10</i>	<i>SB19-57</i>	<i>IW-40</i>
<i>Sample Depth:</i>		-	6-6.9 ft BGS	-
<i>Sample ID:</i>		FP-17303-120712-EM-066	FP-17303-090512-EM-001	W-17303-032106-NR-0994
<i>Sample Date:</i>		12/07/2012	09/05/2012	03/21/2006
<i>Parameters</i>	<i>Units</i>			
Trifluorotrichloroethane (Freon 113)	ug/kg	11000 U	180000 U	12000000 U
Vinyl chloride	ug/kg	6900 J	180000 U	620000 J
Xylenes (total)	ug/kg	530000 B	4000000 B	10000000
<i>SVOCs</i>				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	ug/kg	100000 U	--	130000 U
2,4,5-Trichlorophenol	ug/kg	100000 U	--	130000 U
2,4,6-Trichlorophenol	ug/kg	100000 U	--	130000 U
2,4-Dichlorophenol	ug/kg	100000 U	--	130000 U
2,4-Dimethylphenol	ug/kg	100000 U	--	130000 U
2,4-Dinitrophenol	ug/kg	490000 U	--	640000 U
2,4-Dinitrotoluene	ug/kg	100000 U	--	130000 U
2,6-Dinitrotoluene	ug/kg	100000 U	--	130000 U
2-Chloronaphthalene	ug/kg	100000 U	--	130000 U
2-Chlorophenol	ug/kg	100000 U	--	130000 U
2-Methylnaphthalene	ug/kg	18000 J	--	190000
2-Methylphenol	ug/kg	9500 J	--	130000 U
2-Nitroaniline	ug/kg	490000 U	--	640000 U
2-Nitrophenol	ug/kg	100000 U	--	130000 U
3&4-Methylphenol	ug/kg	14000 J	--	640000 U
3,3'-Dichlorobenzidine	ug/kg	490000 U	--	640000 U
3-Nitroaniline	ug/kg	490000 U	--	640000 U
4,6-Dinitro-2-methylphenol	ug/kg	490000 U	--	130000 U
4-Bromophenyl phenyl ether	ug/kg	100000 U	--	130000 U
4-Chloro-3-methylphenol	ug/kg	100000 U	--	130000 U
4-Chloroaniline	ug/kg	100000 U	--	130000 U
4-Chlorophenyl phenyl ether	ug/kg	100000 U	--	130000 U
4-Nitroaniline	ug/kg	490000 U	--	640000 U
4-Nitrophenol	ug/kg	490000 U	--	640000 U
Acenaphthene	ug/kg	7100 J	--	180000
Acenaphthylene	ug/kg	6600 J	--	130000 U
Acetophenone	ug/kg	100000 U	--	130000 U
Anthracene	ug/kg	6800 J	--	52000 J
Atrazine	ug/kg	100000 U	--	130000 U
Benzaldehyde	ug/kg	100000 U	--	130000 U
Benzo(a)anthracene	ug/kg	100000 U	--	130000
Benzo(a)pyrene	ug/kg	100000 U	--	71000 J
Benzo(b)fluoranthene	ug/kg	100000 U	--	92000 J
Benzo(g,h,i)perylene	ug/kg	100000 U	--	38000 J
Benzo(k)fluoranthene	ug/kg	100000 U	--	57000 J
Biphenyl (1,1-Biphenyl)	ug/kg	7200 J	--	37000 J
bis(2-Chloroethoxy)methane	ug/kg	100000 U	--	130000 U
bis(2-Chloroethyl)ether	ug/kg	100000 U	--	130000 U
bis(2-Ethylhexyl)phthalate (DEHP)	ug/kg	100000 U	--	130000 U
Butyl benzylphthalate (BBP)	ug/kg	100000 U	--	130000 U
Caprolactam	ug/kg	100000 U	--	130000 U
Carbazole	ug/kg	100000 U	--	130000 U

**PRODUCT ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN**

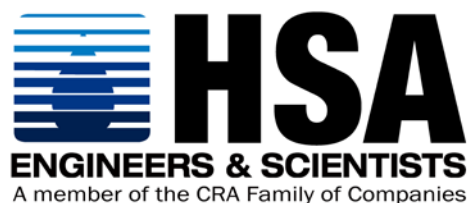
Sample Location:	MW19-10	SB19-57	IW-40	
Sample Depth:	-	6-6.9 ft BGS	-	
Sample ID:	FP-17303-120712-EM-066	FP-17303-090512-EM-001	W-17303-032106-NR-0994	
Sample Date:	12/07/2012	09/05/2012	03/21/2006	
Parameters	Units			
Chrysene	ug/kg	100000 U	--	110000 J
Dibenz(a,h)anthracene	ug/kg	100000 U	--	11000 J
Dibenzofuran	ug/kg	8400 J	--	130000
Diethyl phthalate	ug/kg	100000 U	--	130000 U
Dimethyl phthalate	ug/kg	100000 U	--	130000 U
Di-n-butylphthalate (DBP)	ug/kg	300000	--	1400000
Di-n-octyl phthalate (DnOP)	ug/kg	100000 U	--	130000 U
Fluoranthene	ug/kg	11000 J	--	470000
Fluorene	ug/kg	9000 J	--	120000 J
Hexachlorobenzene	ug/kg	100000 U	--	130000 U
Hexachlorobutadiene	ug/kg	100000 U	--	130000 U
Hexachlorocyclopentadiene	ug/kg	490000 U	--	640000 U
Hexachloroethane	ug/kg	100000 U	--	130000 U
Indeno(1,2,3-cd)pyrene	ug/kg	100000 U	--	35000 J
Isophorone	ug/kg	100000 U	--	130000 U
Naphthalene	ug/kg	34000 J	--	650000
Nitrobenzene	ug/kg	100000 U	--	130000 U
N-Nitrosodi-n-propylamine	ug/kg	100000 U	--	130000 U
N-Nitrosodiphenylamine	ug/kg	9700 J	--	130000 U
Pentachlorophenol	ug/kg	100000 U	--	130000 U
Phenanthrene	ug/kg	17000 J	--	730000
Phenol	ug/kg	100000 U	--	130000 U
Pyrene	ug/kg	13000 J	--	300000
Metals				
Antimony	mg/kg	0.97 J	--	1.9 J
Arsenic	mg/kg	1.6	--	30.0 U
Barium	mg/kg	0.30 JB	--	0.49 J
Beryllium	mg/kg	0.50 U	--	0.50 U
Cadmium	mg/kg	0.20 U	--	6.0
Chromium	mg/kg	430	--	807
Cobalt	mg/kg	0.20 J	--	5.0 U
Copper	mg/kg	2.5 U	--	2.5 U
Lead	mg/kg	0.30 U	--	10.0 U
Manganese	mg/kg	0.95 JB	--	1.1 J
Mercury	mg/kg	0.12 U	--	0.10 UJ
Nickel	mg/kg	0.46 J	--	0.43 J
Selenium	mg/kg	0.50 U	--	0.32 J
Silver	mg/kg	0.50 U	--	1.0 U
Thallium	mg/kg	1.0 U	--	0.69 J
Vanadium	mg/kg	12	--	3.7 J
Zinc	mg/kg	1.0 J	--	55.7

**PRODUCT ANALYTICAL DATA
RCRA FIELD INVESTIGATION
COMPANY VEHICLE OPERATIONS AREA
YPSILANTI, MICHIGAN**

<i>Sample Location:</i>	<i>MW19-10</i>	<i>SB19-57</i>	<i>IW-40</i>
<i>Sample Depth:</i>	<i>-</i>	<i>6-6.9 ft BGS</i>	<i>-</i>
<i>Sample ID:</i>	<i>FP-17303-120712-EM-066</i>	<i>FP-17303-090512-EM-001</i>	<i>W-17303-032106-NR-0994</i>
<i>Sample Date:</i>	<i>12/07/2012</i>	<i>09/05/2012</i>	<i>03/21/2006</i>

<i>Parameters</i>	<i>Units</i>			
<i>PCBs</i>				
Aroclor-1016 (PCB-1016)	ug/kg	980 U	--	2000 U
Aroclor-1221 (PCB-1221)	ug/kg	980 U	--	2000 U
Aroclor-1232 (PCB-1232)	ug/kg	980 U	--	2000 U
Aroclor-1242 (PCB-1242)	ug/kg	980 U	--	2000 U
Aroclor-1248 (PCB-1248)	ug/kg	980 U	--	30000
Aroclor-1254 (PCB-1254)	ug/kg	980 U	--	2000 U
Aroclor-1260 (PCB-1260)	ug/kg	140 J	--	21000
<i>Petroleum Hydrocarbons</i>				
Total Petroleum Hydrocarbons - Extractable (DRO)	mg/kg	--	--	650000
<i>General Chemistry</i>				
Flash point (closed cup)	Deg F	180 >	--	--
Heating value	Btu/lb	--	--	16400
Ignitability	Deg F	--	--	102
Specific gravity	g/mL	--	--	0.89
Viscosity	cp	--	--	32.5

APPENDIX G
MAGS SURVEY RESULTS/DISCUSSION



CRA developed the method of Modified Active Gas Sampling (MAGS) for assessment of volatile organic source areas in vadose zone soils. MAGS is an assessment tool effective at rapidly detecting unsaturated soil source areas impacted by volatile organic compounds. The MAGS technique differs markedly from traditional passive and active gas sampling techniques in that it uses a typical regenerative blower to extract relatively high volumes of soil vapor (up to 100 cubic feet per minute [cfm]) from temporary piezometers to determine soil impacts within the radius of influence of the piezometers. Typically, effective areas of a single piezometer can extend up to 30 feet radially beyond the extraction point, depending on site conditions. Hence, the amount of soil sampled is much larger than the typical soil sample. During extraction, soil vapors can be dynamically analyzed using a Photoionization Detector (PID) to determine the presence or absence of organic vapors, and to some extent the magnitude of the levels of organics in the soil vapor being extracted from each piezometer over time. These results can be confirmed by fixed laboratory analysis. This method provides a tiered approach to assessment of soil vapors and defining soil impacts. Although the MAGS method lacks the resolution of discrete soil sampling, it provides a substantially greater coverage area in less time and effort. Statistically, discrete soil sampling cannot regularly detect impacted areas smaller than the grid spacing of the sample locations. Moreover, the results of the MAGS assessment provide useful transport and exposure assessment information over traditional techniques. Lastly, MAGS is an effective remedial assessment tool, in that, MAGS directly yields data required for remedial design.

When air is moved through the subsurface, volatile chemicals are transferred from pure, dissolved, and sorbed phases into the air-filled porosity. Prior to the initiation of MAGS, vapors in the subsurface travel along pressure gradients due to barometric pressure changes in the higher conductivity seams in the unsaturated zone soil. During MAGS, the extraction well exerts a gradient and the moving air transports vapors toward the extraction point. The air velocity can be calculated as a function of the radius if the right conditions exist. Also, the average time to travel through a pore space due to the applied vacuum can be estimated. Assuming that the chemical of concern is limited by diffusion from the pure, absorbed, and dissolved phases, a time scale for diffusion through the soil moisture and the air in the pore space can be calculated. Once the mass has traveled into the pore space, it becomes available for transport, so long as air is moving through those pores, which is likely the case for the higher transmissive zones, but may not be the case for the lower transmissive zones and pores that are within seams (*i.e.*, that are not connected). This limitation applies mainly to diffusive transport into lower transmissive zones, because the contaminated mass initially had to arrive at the pore space by density flow of pure phase or along a hydraulic gradient, implying a connection to the bulk pore space. Importantly, from an exposure perspective, this “trapped” mass is not, in general, available for transport except by diffusion, and hence, is not available to significantly impact groundwater or

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be part of a completed exposure route. Importantly, it is not generally measured by traditional sampling either.

MAGS was conducted at the subject site in order to identify potential source areas and to characterize the distribution of volatile organic compounds (VOC) impacts previously identified to exist at the site. This MAGS study consisted of the installation of 34 MAGS sampling points as shown on **Figure 1**. The sampling points were installed with a Geoprobe rig and/or hand auger. The lithology encountered during advancement of the borings generally consisted of clay, fine to coarse sand, and gravel with disseminated debris including pieces of wood, concrete, brick, glass, metal, etc.

The MAGS sampling points were installed to total depths of approximately 4.5, 5.5, and 7.0 feet below land surface (ft bls) at variable depths above the water table, which occurs between 9 and 12 ft bls. Twenty-six (26) of the MAGS sampling points were installed to 7.0 ft bls. The shallow MAGS points were due to natural collapse of the borehole prior to MAGS point placement in the borehole. The sampling points were constructed with 2.0 to 2.5 ft of 2-inch diameter, Schedule 40, 0.01-slot well screen and 2.5 to 4.5 ft of blank casing to land surface. The annular space of each 4-inch borehole was backfilled with native material from natural collapse around the point and additional clean sand. The annular space of the borehole above the screened interval was sealed with 0.5 ft hydrated bentonite and 1.5 ft of cement slurry to prevent short-circuiting between the vadose zone and the atmosphere. The surface of the site is overlain with concrete; therefore, ideal conditions existed for the implementation of MAGS.

Soil vapor was extracted using a portable regenerative blower typical of a traditional soil vapor extraction system. A FUJI model VFD41 (2.5 hp, 230V, single-phase) capable of flow rates up to 120 standard cubic feet per minute (scfm) and a maximum vacuum of 96 inches of water (in H₂O) was used for the MAGS event. Power was supplied to the regenerative blower by a 5,500-watt, 3-phase, 240-volt portable generator. The connection between the wellhead and blower was made using 2-inch diameter vacuum-rated hose and Schedule 40 PVC. A vacuum gauge and flow control valve were installed to measure and regulate vacuum/flow at the wellhead.

The vapor extraction rate was estimated using the manufacturer's blower curve and operational vacuum measured at the inlet side of the blower. Flow rates ranged between 9.4 and 86.7 scfm at the MAGS sampling points. The vacuum levels in the MAGS points were consistently reported at levels ranging from approximately 60 to 80 inH₂O. Vacuum levels were measured at adjacent observation wells while a vacuum was applied to a sampling point in order to evaluate the radius of influence during each test. In general, the radius of influence varied between negligible to a maximum of approximately 1.3 in H₂O, suggesting that the soil gas was obtained from within the vicinity of each sampling point up to approximately 25 ft away. Field measurements are provided in **Appendix A**.



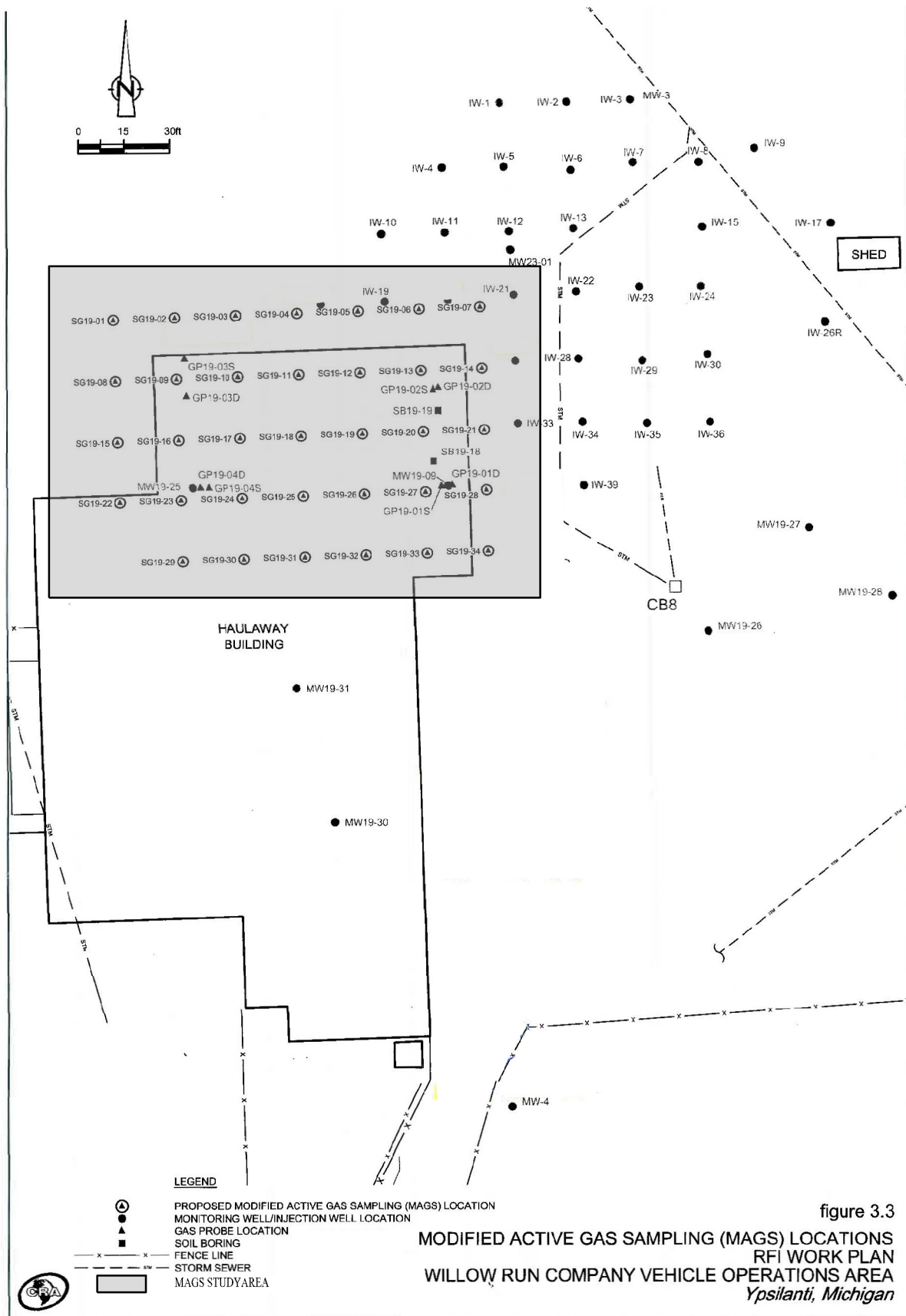
Extracted soil vapors were analyzed using a PID at the discharge outlet of the blower. In addition to the field measurements, 12 samples were collected in one-liter Tedlar bags for fixed laboratory analysis for VOCs using EPA Method TO15. Soil vapors from each sampling point were extracted for approximately 30 minutes from the MAGS sampling points, ensuring a minimum exchange of one pore volume per sampling point, assuming a typical vapor radius of influence of 20 feet from the sampling point.

The results of the PID analysis of soil gas from the MAGS sampling event exhibit the presence of elevated organic vapors above background at approximately 21 sample locations ranging from 3.1 to greater than 10,000 parts per million (ppm). The background concentration was assumed to be approximately zero ppm. The highest PID concentrations measured were plotted and contoured (**Figure 2**) to identify and characterize the distribution. The maximum recorded value was measured at greater than 10,000 parts per million (ppm) at SG19-10. The next highest recorded value of 2,374 ppm was measured at SG19-17. The PID measurements are included on field sheets provided in **Appendix A**. In general, the PID data suggest a single source area in the general vicinity of SG10-10 with a distribution of potential impacts extending in a radial pattern with increased distribution of impacts 80 ft southeast of the source area.

These screening data were confirmed by fixed laboratory results, which revealed concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), total xylenes, acetone, and methylene chloride above the laboratory method detection limits at some MAGS points sampled for confirmation of the OVA analysis. Due to the relatively high detection limits used by the laboratory, significant concentrations of the non-detect constituents may exist. Regardless, a preliminary evaluation of the potential for site contamination can still be performed with the analytical data. TCE and cDCE were detected in all or most samples, respectively, with a minor number of other parameters detected above their MDLs. The TCE concentrations ranged from 320 micrograms per cubic meter (ug/m^3) at SG19-06 to 9,700,000 ug/m^3 at SG19-10. The cDCE concentrations ranged from 0.099 ug/m^3 at SG19-22 to 720,000 ug/m^3 at SG19-17. Although most concentrations of total xylenes were below the MDL, significant concentrations were detected at SG19-10 (290,000 ug/m^3) and SG19-17 (48,000J ug/m^3). The distributions of TCE, cDCE, and total xylenes were plotted and contoured (**Figure 3**) to identify potential source areas and to characterize parameter distributions. These distributions appear to indicate that a single similar source area for all three parameters exists in the vicinity of SG19-10, with the TCE and cDCE distributions extending approximately 60 to 80 feet to the south and southeast. Total xylenes also preferentially extend to the southeast, although the areal distribution is less than TCE and cDCE. These distributions only extend approximately 20 to 30 ft to the southeast. Methylene chloride was also detected at SG19-10 (130,000 ug/m^3) and acetone was detected at SG19-18 (55,000 ug/m^3) and SG19-22 (0.19 ug/m^3). The isolated presence of acetone in these locations is indicative of a potential second source area of limited horizontal extent in the vicinity of SG19-18. The laboratory analytical report is provided as **Appendix B**.



The MAGS event conducted at the subject property clearly demonstrates the presence of TCE, cDCE, and total xylenes impacts in the vadose soil that confirms the presence of a source of these parameters. Another isolated source of acetone is also demonstrated by these results. These results support the need for confirmation soil sampling in order to characterize and delineate potential soil contamination at the site. Due to the high MDLs used for many parameters, other potential significant soil impacts may exist that are not indicated by the results.



17303-T05(021)GN-W/005 NOV 28/2011

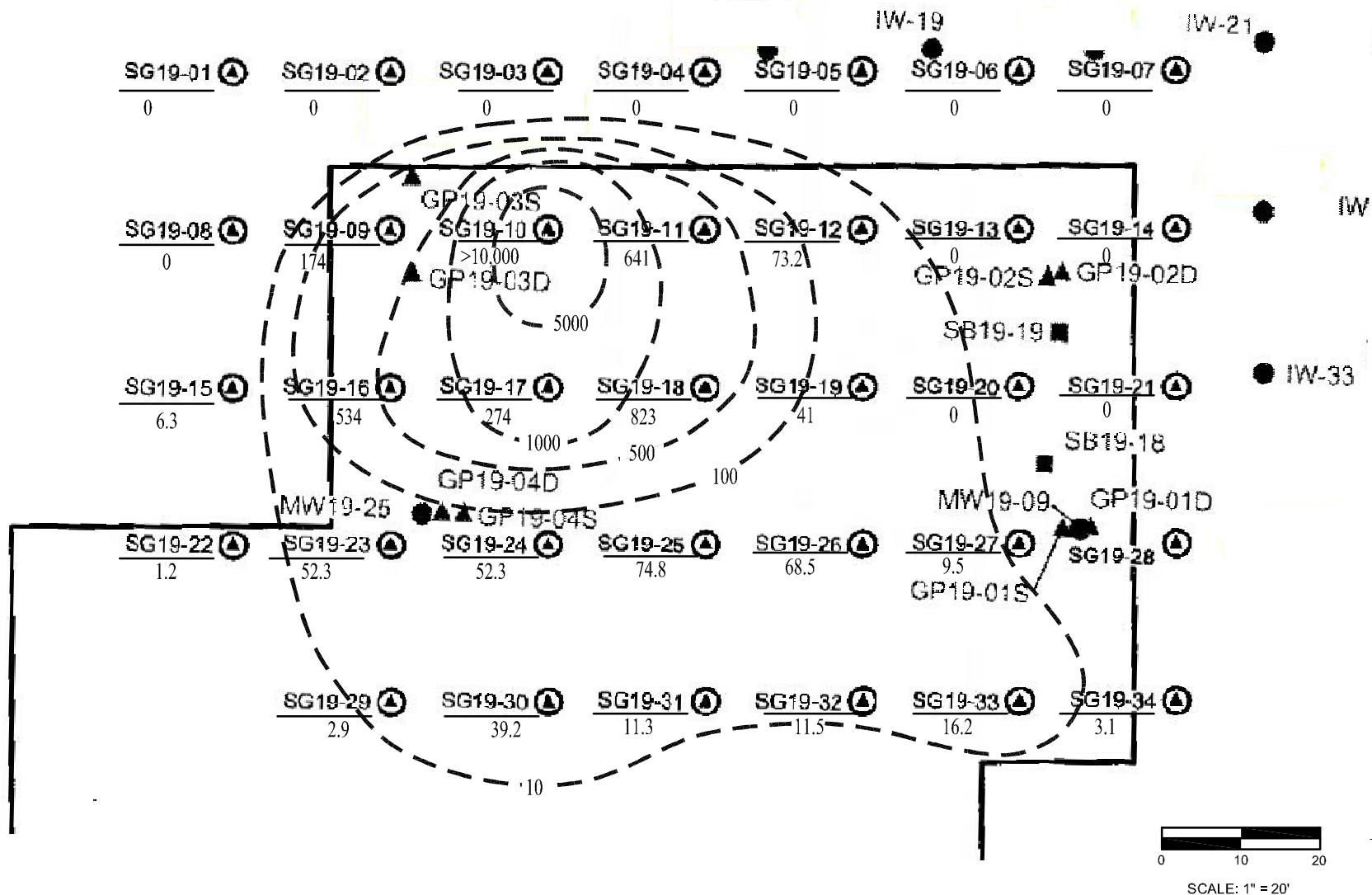
Figure 1	Site Plan for the MAGS Study Area	SHEET TITLE	DESIGNED:	JOB #:	HSA ENGINEERS & SCIENTISTS A member of the CRA Family of Companies 1520 Royal Palm Square Boulevard, Suite 260 Fort Myers, FL 33919 Tel: (239) 936-0789	RACER - CVO
			WCH	10-17303		
			DRAWN:	DATE:		
			VJG	02/28/12		
			CHECKED:	CAD #:		
			WCH	1017303 CRA		

Legend

- 500 - 500 ppm Contour of Soil Gas Concentration
ppm - parts per million

Note

Data collected with Photoionization Detector.



RACER - CVO



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CHECKED:	WCH	CAD #:	1017303 CRA

SHEET TITLE

Contour Map of Soil Organic Vapor Concentrations for MAGS Study Area

Figure 2

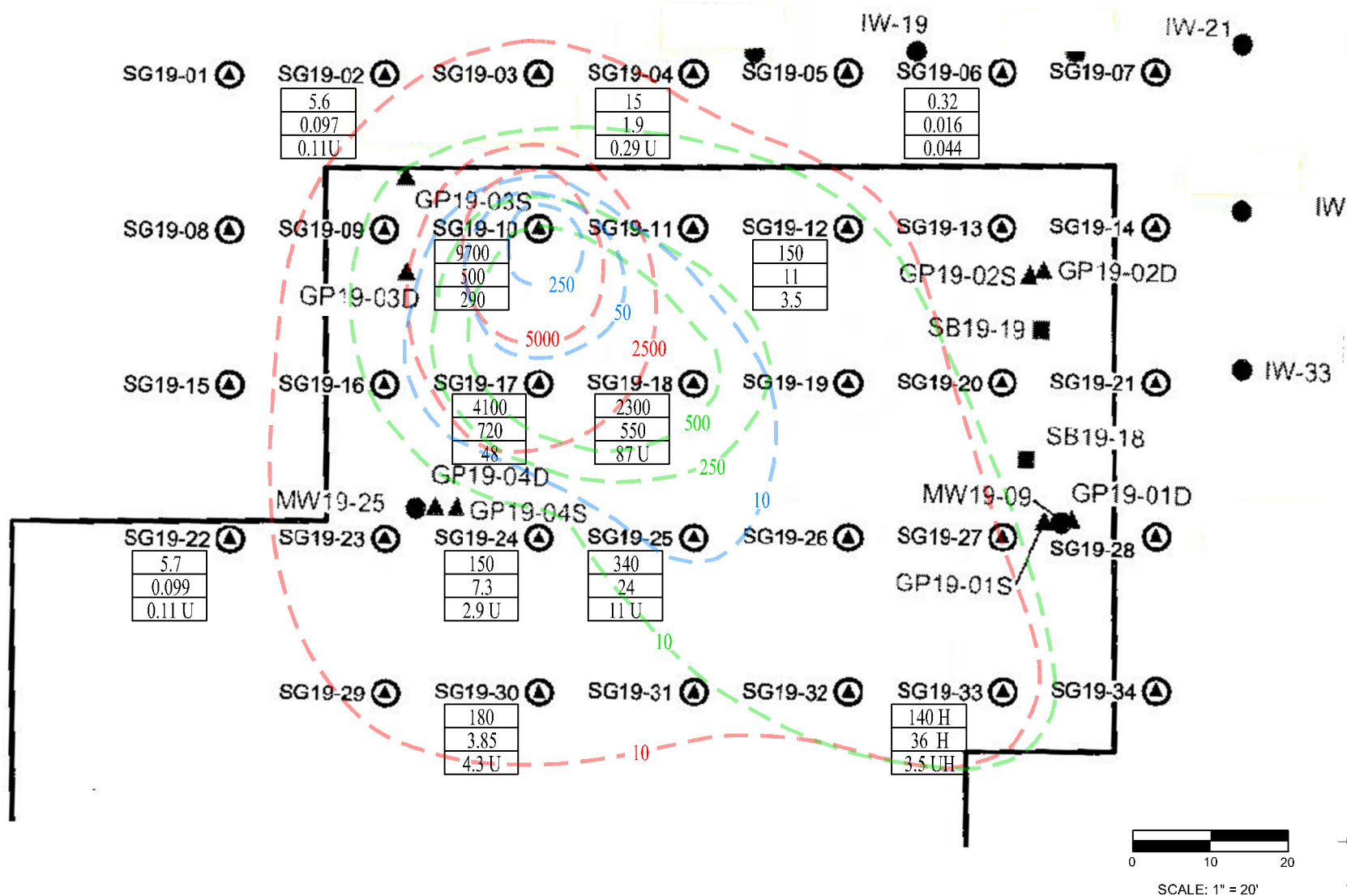
Legend

5.6	TCE - Trichloroethene
0.097	cDCE - Cis -1, 2 - Dichloroethene
0.11U	Xylenes (Total)
	(mg/m³)

-- 10 --	Trichloroethene
-- 10 --	Cis -1, 2 - Dichloroethene
-- 10 --	Xylenes (Total)

Note

Data collected with Photoionization Detector.



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CHECKED:	WCH	CAD #:	1017303 CRA

SHEET TITLE

Contour Map of
TCE, cDCE, &
XYLENES Soil Gas
Concentrations for
MAGS Study Area

Figure 3

APPENDIX A
FIELD NOTES

OF IN WL ppm IN WC

[illegible]

* screened 2.5-4.5 all other screened 4.5-7.0

[illegible]

* 54 below 2.5 = 4.5 all others 4.5 - 7.5

17303-765
RACER-CYU

page 2

2-7-12

[illegible][illegible]

[illegible][illegible]

[illegible]

* secured 2.5-4.2

[illegible]

17303-T05
RACER-LV6

pg 3

28-11

MAGS ID	Time (hrs)	Flowrate	Temp	Vacuum	PID	19-20	19-18	19-26	19-43	19-12	19-11
SG 19-19 (4.5-7.0)	1000	1570	47°	-61.3	41.0	-0.1	-0.9	0.0	0.0	-0.3	0.0
	1005	1470	54°	-60.1	36.0	-0.1	-0.9	0.0	0.0	-0.3	0.0
	1010	1470	55°	-59.8	23.4	-0.1	-1.0	0.0	0.0	-0.3	0.0
	1015	1470	55°	-59.8	23.4	-0.1	-0.9	0.0	0.0	-0.3	0.0

MAGS ID	Time (hrs)	Flowrate	Temp	Vacuum	PID	19-19	19-27	19-21*	19-13	19-12	
SG 19-20 (4.5-7.0)	1035	950	49°	-67.7	0.0	0.0	0.0	0.0	-0.1	0.0	
	1040	890	53°	-65.1	0.0	-0.1	0.0	0.0	-0.3	0.0	
	1045	920	54°	-65.1	0.0	-0.1	-0.1	-0.1	-0.3	0.0	
	1050	880	54°	-64.8	0.0	-0.1	0.0	-0.1	-0.3	0.0	
	1055	860	54°	-64.6	0.0	-0.1	0.0	0.0	-0.2	0.0	
	1100	860	54°	-64.6	0.0	-0.1	0.0	-0.1	-0.3	0.0	
	1105	900	54°	-64.9	0.0	-0.1	0.0	-0.1	-0.3	0.0	

x screened 2.5-4.5

[illegible]

* screened 2.5-4.5 all others screened 4.5-7.0

[illegible]

2-8-12

SG19-19 (4.5-7.0)

* screened 2.5-4.5 all others screened 4.5-7.0

SG 19-13
(4.5-7.0)

[illegible][illegible]

2-9-12

56 19-30 7.54-7.01

62-6195

015303 7011 22 5

2-9-12

SG 19-22

SG 19-24

17303

2-9-12

[illegible][illegible]

~~2-14-12~~
2-9-12

5619-08

10-6195

2-9-12

SG 19-02

56 19-03

2-9-12

90-61 95

SG 19-17

19-19

SG 19-17

56 19-16

MAGS ID	Time (hrs)	Flowrate	Temp	Vacuum	PID	19-10	19-09	19-17	19-18	19-19	19-13	19-12
SG 19-11	09:00	1190	42	-64.2	641	-00.1	-00.0	-00.1	-00.4	-00.0	-00.0	-00.2
	09:05	1160	45	-63.1	526	-00.2	-00.0	-00.3	-00.5	-00.1	-00.0	-00.3
	09:10	1150	46	-62.7	301	-00.2	-00.0	-00.2	-00.5	-00.0	-00.0	-00.3
	09:15	1140	46	-62.4	416	-00.2	-00.0	-00.2	-00.5	-00.1	-00.0	-00.2
	09:20	1040	47	-62.3	444	-00.1	-00.0	-00.1	-00.4	-00.0	-00.0	-00.2

MAGS ID	Time (hrs)	Flowrate	Temp [°]	Vacuum	PID	19-02	19-03	19-15	19-16	19-17	19-10
SG 19-09	0930	710	41°	-65.4	174	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	0935	670	43°	-64.2	147	-00.0	-00.0	-00.0	-00.1	-00.0	-00.0
	0940	640	43°	-64.1	120	-00.0	-00.0	-00.0	-00.1	-00.0	-00.1
	0945	610	44°	-63.6	87	-00.0	-00.0	-00.0	-00.2	-00.1	-00.1
	0950	610	43°	-64.0	115	-00.1	-00.1	-00.0	-00.1	-00.1	-00.1
	0955	620	43°	-63.3	104	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	1000	630	43°	-63.8	101	-00.0	-00.0	-00.0	-00.1	-00.0	-00.0

210,000

MAGS ID	Time (hrs)	Flowrate	Temp	Vacuum	PID	19-03	19-08	19-16	19-17	19-18	19-09	19-11
56-19-10	1015	670	43	65.7	210,000	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	1020	670	43	64.8	210,000	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	1025	670	44	64.2	210,000	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	1030	680	44	64.5	210,000	-00.0	-00.0	-00.0	-00.2	-00.0	-00.0	-00.0

210,000
210,000

PID
10:35

4119

714

10667

MAGS ID	Time (hrs)	Flowrate	Temp	Vacuum	PID	19-03	19-08	19-16	19-17	19-18	19-09	19-11
56 19-10	1015	670	43	65.7	210,000	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	1020	670	43	64.8	210,000	-00.0	-0.00	-00.0	-00.0	-00.0	-00.0	-00.0
	1025	670	44	64.2	210,000	-00.0	-00.00	-00.0	-00.0	-00.0	-00.0	-00.0
	1030	680	44	64.5	210,000	-00.0	-00.00	-00.0	-00.2	-00.0	-00.0	-00.0
	1035	680	44	64.4	4119	-00.0	-00.0	-00.00	-00.0	-00.0	-00.0	-00.0
	1040	680	44	64.8	714	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0
	1045	620	44	64.7	897	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0	-00.0

GS-17303-021012-JY-012

Note: PID possible max e 22000

Bulb 11.8

APPENDIX B

ANALYTICAL LABORATORY REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Los Angeles

3585 Cadillac Ave

Suite A

Costa Mesa, CA 92626

Tel: (714)258-8610

TestAmerica Job ID: 340-479-1

Client Project/Site: 017303-T05-02, RACER Trust / CVO

For:

Conestoga-Rovers & Associates, Inc.

14496 Sheldon Road, Suite 200

Plymouth, Michigan 48170

Attn: Mr. Paul Wiseman

Marisol Tabirara

Authorized for release by:

2/21/2012 4:04:37 PM

Marisol (Sonia) Tabirara

Project Manager I

sonia.tabirara@testamericainc.com

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Job ID: 340-479-1

Laboratory: TestAmerica Los Angeles

Narrative

Job Narrative 340-479-1

Receipt

Please note that EPA Method TO-15 describes the use of canisters for sampling and analysis. Use of air sample bags constitutes a modification to the method.

Air - GC/MS VOA

Method(s) TO-15 MOD: Bromodichloromethane (69%) in the Laboratory Control Sample (batch 662) was below the established method acceptance criteria of 70% and the Marginal Exceedence (ME) limits defined in the NELAC Standards. Bromodichloromethane was not detected (ND) in the samples; data results are suspected to be biased low. Since the NELAC ME requirement was not met, client approval to report data was necessary.

Client approval to report data was received on 02/20/12.

Method(s) TO-15 MOD: The following sample(s) was received with greater than 50% of holding time expired: GS-17303-020712-DR-001 (340-479-1). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020712-DR-001

Lab Sample ID: 340-479-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	400	J H	800	400	ppb v/v	200		TO-15 MOD	Total/NA
cis-1,2-Dichloroethene	9100	H	800	400	ppb v/v	200		TO-15 MOD	Total/NA
Trichloroethene	25000	H	800	400	ppb v/v	200		TO-15 MOD	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1600	J H	3200	1600	ug/m3	200		TO-15 MOD	Total/NA
cis-1,2-Dichloroethene	36000	H	3200	1600	ug/m3	200		TO-15 MOD	Total/NA
Trichloroethene	140000	H	4300	2100	ug/m3	200		TO-15 MOD	Total/NA

Client Sample ID: GS-17303-020812-DR-002

Lab Sample ID: 340-479-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6100		2500	1300	ppb v/v	625		TO-15 MOD	Total/NA
Trichloroethene	64000		2500	1300	ppb v/v	625		TO-15 MOD	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24000		9900	5000	ug/m3	625		TO-15 MOD	Total/NA
Trichloroethene	340000		13000	6700	ug/m3	625		TO-15 MOD	Total/NA

Client Sample ID: GS-17303-020812-DR-003

Lab Sample ID: 340-479-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23000	J	50000	20000	ppb v/v	5000		TO-15 MOD	Total/NA
cis-1,2-Dichloroethene	140000		20000	10000	ppb v/v	5000		TO-15 MOD	Total/NA
Trichloroethene	430000		20000	10000	ppb v/v	5000		TO-15 MOD	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	55000	J	120000	48000	ug/m3	5000		TO-15 MOD	Total/NA
cis-1,2-Dichloroethene	550000		79000	40000	ug/m3	5000		TO-15 MOD	Total/NA
Trichloroethene	2300000		110000	54000	ug/m3	5000		TO-15 MOD	Total/NA

Client Sample ID: GS-17303-020812-DR-004

Lab Sample ID: 340-479-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2700		800	400	ppb v/v	200		TO-15 MOD	Total/NA
Trichloroethene	28000		800	400	ppb v/v	200		TO-15 MOD	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11000		3200	1600	ug/m3	200		TO-15 MOD	Total/NA
Trichloroethene	150000		4300	2100	ug/m3	200		TO-15 MOD	Total/NA

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020712-DR-001

Lab Sample ID: 340-479-1

Date Collected: 02/07/12 16:45

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	2000	800	ppb v/v			02/10/12 20:35	200
Benzene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Bromodichloromethane	ND	H *	800	400	ppb v/v			02/10/12 20:35	200
Bromoform	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Bromomethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
2-Butanone (MEK)	ND	H	2000	800	ppb v/v			02/10/12 20:35	200
Carbon disulfide	ND	H	2000	400	ppb v/v			02/10/12 20:35	200
Carbon tetrachloride	ND	H	2000	800	ppb v/v			02/10/12 20:35	200
Chlorobenzene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Chloroethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Chloroform	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Chloromethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Dibromochloromethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,2-Dibromoethane (EDB)	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,2-Dichlorobenzene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,3-Dichlorobenzene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,4-Dichlorobenzene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Dichlorodifluoromethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,1-Dichloroethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,2-Dichloroethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,1-Dichloroethene	400	J H	800	400	ppb v/v			02/10/12 20:35	200
cis-1,2-Dichloroethene	9100	H	800	400	ppb v/v			02/10/12 20:35	200
trans-1,2-Dichloroethene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,2-Dichloropropane	ND	H	1000	400	ppb v/v			02/10/12 20:35	200
cis-1,3-Dichloropropene	ND	H	1000	400	ppb v/v			02/10/12 20:35	200
trans-1,3-Dichloropropene	ND	H	2000	800	ppb v/v			02/10/12 20:35	200
Ethylbenzene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
2-Hexanone	ND	H	2000	400	ppb v/v			02/10/12 20:35	200
4-Methyl-2-pentanone (MIBK)	ND	H	2000	400	ppb v/v			02/10/12 20:35	200
Methylene chloride	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Styrene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Tetrachloroethene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Toluene	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,2,4-Trichlorobenzene	ND	H	1000	500	ppb v/v			02/10/12 20:35	200
1,1,1-Trichloroethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
1,1,2-Trichloroethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Trichloroethene	25000	H	800	400	ppb v/v			02/10/12 20:35	200
Trichlorofluoromethane	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Vinyl chloride	ND	H	800	400	ppb v/v			02/10/12 20:35	200
Xylenes, Total	ND	H	800	400	ppb v/v			02/10/12 20:35	200

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H	4800	1900	ug/m3			02/10/12 20:35	200
Benzene	ND	H	2600	1300	ug/m3			02/10/12 20:35	200
Bromodichloromethane	ND	H *	5400	2700	ug/m3			02/10/12 20:35	200
Bromoform	ND	H	8300	4100	ug/m3			02/10/12 20:35	200
Bromomethane	ND	H	3100	1600	ug/m3			02/10/12 20:35	200
2-Butanone (MEK)	ND	H	5900	2400	ug/m3			02/10/12 20:35	200
Carbon disulfide	ND	H	6200	1200	ug/m3			02/10/12 20:35	200

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020712-DR-001

Lab Sample ID: 340-479-1

Date Collected: 02/07/12 16:45

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND	H	13000	5000	ug/m3			02/10/12 20:35	200
Chlorobenzene	ND	H	3700	1800	ug/m3			02/10/12 20:35	200
Chloroethane	ND	H	2100	1100	ug/m3			02/10/12 20:35	200
Chloroform	ND	H	3900	2000	ug/m3			02/10/12 20:35	200
Chloromethane	ND	H	1700	830	ug/m3			02/10/12 20:35	200
Dibromochloromethane	ND	H	6800	3400	ug/m3			02/10/12 20:35	200
1,2-Dibromoethane (EDB)	ND	H	6100	3100	ug/m3			02/10/12 20:35	200
1,2-Dichlorobenzene	ND	H	4800	2400	ug/m3			02/10/12 20:35	200
1,3-Dichlorobenzene	ND	H	4800	2400	ug/m3			02/10/12 20:35	200
1,4-Dichlorobenzene	ND	H	4800	2400	ug/m3			02/10/12 20:35	200
Dichlorodifluoromethane	ND	H	4000	2000	ug/m3			02/10/12 20:35	200
1,1-Dichloroethane	ND	H	3200	1600	ug/m3			02/10/12 20:35	200
1,2-Dichloroethane	ND	H	3200	1600	ug/m3			02/10/12 20:35	200
1,1-Dichloroethene	1600	J H	3200	1600	ug/m3			02/10/12 20:35	200
cis-1,2-Dichloroethene	36000	H	3200	1600	ug/m3			02/10/12 20:35	200
trans-1,2-Dichloroethene	ND	H	3200	1600	ug/m3			02/10/12 20:35	200
1,2-Dichloropropane	ND	H	4600	1800	ug/m3			02/10/12 20:35	200
cis-1,3-Dichloropropene	ND	H	4500	1800	ug/m3			02/10/12 20:35	200
trans-1,3-Dichloropropene	ND	H	9100	3600	ug/m3			02/10/12 20:35	200
Ethylbenzene	ND	H	3500	1700	ug/m3			02/10/12 20:35	200
2-Hexanone	ND	H	8200	1600	ug/m3			02/10/12 20:35	200
4-Methyl-2-pentanone (MIBK)	ND	H	8200	1600	ug/m3			02/10/12 20:35	200
Methylene chloride	ND	H	2800	1400	ug/m3			02/10/12 20:35	200
Styrene	ND	H	3400	1700	ug/m3			02/10/12 20:35	200
Tetrachloroethene	ND	H	5400	2700	ug/m3			02/10/12 20:35	200
Toluene	ND	H	3000	1500	ug/m3			02/10/12 20:35	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H	6100	3100	ug/m3			02/10/12 20:35	200
1,2,4-Trichlorobenzene	ND	H	7400	3700	ug/m3			02/10/12 20:35	200
1,1,1-Trichloroethane	ND	H	4400	2200	ug/m3			02/10/12 20:35	200
1,1,2-Trichloroethane	ND	H	4400	2200	ug/m3			02/10/12 20:35	200
Trichloroethene	140000	H	4300	2100	ug/m3			02/10/12 20:35	200
Trichlorofluoromethane	ND	H	4500	2200	ug/m3			02/10/12 20:35	200
Vinyl chloride	ND	H	2000	1000	ug/m3			02/10/12 20:35	200
Xylenes, Total	ND	H	3500	1700	ug/m3			02/10/12 20:35	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130					02/10/12 20:35	200
1,2-Dichloroethane-d4 (Surr)	105		70 - 130					02/10/12 20:35	200
Toluene-d8 (Surr)	83		70 - 130					02/10/12 20:35	200

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020812-DR-002

Lab Sample ID: 340-479-2

Date Collected: 02/08/12 08:00

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		6300	2500	ppb v/v			02/10/12 21:16	625
Benzene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Bromodichloromethane	ND	*	2500	1300	ppb v/v			02/10/12 21:16	625
Bromoform	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Bromomethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
2-Butanone (MEK)	ND		6300	2500	ppb v/v			02/10/12 21:16	625
Carbon disulfide	ND		6300	1300	ppb v/v			02/10/12 21:16	625
Carbon tetrachloride	ND		6300	2500	ppb v/v			02/10/12 21:16	625
Chlorobenzene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Chloroethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Chloroform	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Chloromethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Dibromochloromethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,2-Dibromoethane (EDB)	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,2-Dichlorobenzene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,3-Dichlorobenzene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,4-Dichlorobenzene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Dichlorodifluoromethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,1-Dichloroethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,2-Dichloroethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,1-Dichloroethene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
cis-1,2-Dichloroethene	6100		2500	1300	ppb v/v			02/10/12 21:16	625
trans-1,2-Dichloroethene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,2-Dichloropropane	ND		3100	1300	ppb v/v			02/10/12 21:16	625
cis-1,3-Dichloropropene	ND		3100	1300	ppb v/v			02/10/12 21:16	625
trans-1,3-Dichloropropene	ND		6300	2500	ppb v/v			02/10/12 21:16	625
Ethylbenzene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
2-Hexanone	ND		6300	1300	ppb v/v			02/10/12 21:16	625
4-Methyl-2-pentanone (MIBK)	ND		6300	1300	ppb v/v			02/10/12 21:16	625
Methylene chloride	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Styrene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Tetrachloroethene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Toluene	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,2,4-Trichlorobenzene	ND		3100	1600	ppb v/v			02/10/12 21:16	625
1,1,1-Trichloroethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
1,1,2-Trichloroethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Trichloroethene	64000		2500	1300	ppb v/v			02/10/12 21:16	625
Trichlorofluoromethane	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Vinyl chloride	ND		2500	1300	ppb v/v			02/10/12 21:16	625
Xylenes, Total	ND		2500	1300	ppb v/v			02/10/12 21:16	625

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		15000	5900	ug/m3			02/10/12 21:16	625
Benzene	ND		8000	4000	ug/m3			02/10/12 21:16	625
Bromodichloromethane	ND	*	17000	8400	ug/m3			02/10/12 21:16	625
Bromoform	ND		26000	13000	ug/m3			02/10/12 21:16	625
Bromomethane	ND		9700	4900	ug/m3			02/10/12 21:16	625
2-Butanone (MEK)	ND		18000	7400	ug/m3			02/10/12 21:16	625
Carbon disulfide	ND		19000	3900	ug/m3			02/10/12 21:16	625

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020812-DR-002

Lab Sample ID: 340-479-2

Date Collected: 02/08/12 08:00

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		39000	16000	ug/m3			02/10/12 21:16	625
Chlorobenzene	ND		11000	5700	ug/m3			02/10/12 21:16	625
Chloroethane	ND		6600	3300	ug/m3			02/10/12 21:16	625
Chloroform	ND		12000	6100	ug/m3			02/10/12 21:16	625
Chloromethane	ND		5200	2600	ug/m3			02/10/12 21:16	625
Dibromochloromethane	ND		21000	11000	ug/m3			02/10/12 21:16	625
1,2-Dibromoethane (EDB)	ND		19000	9600	ug/m3			02/10/12 21:16	625
1,2-Dichlorobenzene	ND		15000	7500	ug/m3			02/10/12 21:16	625
1,3-Dichlorobenzene	ND		15000	7500	ug/m3			02/10/12 21:16	625
1,4-Dichlorobenzene	ND		15000	7500	ug/m3			02/10/12 21:16	625
Dichlorodifluoromethane	ND		12000	6200	ug/m3			02/10/12 21:16	625
1,1-Dichloroethane	ND		10000	5100	ug/m3			02/10/12 21:16	625
1,2-Dichloroethane	ND		10000	5100	ug/m3			02/10/12 21:16	625
1,1-Dichloroethene	ND		9900	5000	ug/m3			02/10/12 21:16	625
cis-1,2-Dichloroethene	24000		9900	5000	ug/m3			02/10/12 21:16	625
trans-1,2-Dichloroethene	ND		9900	5000	ug/m3			02/10/12 21:16	625
1,2-Dichloropropane	ND		14000	5800	ug/m3			02/10/12 21:16	625
cis-1,3-Dichloropropene	ND		14000	5700	ug/m3			02/10/12 21:16	625
trans-1,3-Dichloropropene	ND		28000	11000	ug/m3			02/10/12 21:16	625
Ethylbenzene	ND		11000	5400	ug/m3			02/10/12 21:16	625
2-Hexanone	ND		26000	5100	ug/m3			02/10/12 21:16	625
4-Methyl-2-pentanone (MIBK)	ND		26000	5100	ug/m3			02/10/12 21:16	625
Methylene chloride	ND		8700	4300	ug/m3			02/10/12 21:16	625
Styrene	ND		11000	5300	ug/m3			02/10/12 21:16	625
Tetrachloroethene	ND		17000	8500	ug/m3			02/10/12 21:16	625
Toluene	ND		9400	4700	ug/m3			02/10/12 21:16	625
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		19000	9600	ug/m3			02/10/12 21:16	625
1,2,4-Trichlorobenzene	ND		23000	12000	ug/m3			02/10/12 21:16	625
1,1,1-Trichloroethane	ND		14000	6800	ug/m3			02/10/12 21:16	625
1,1,2-Trichloroethane	ND		14000	6800	ug/m3			02/10/12 21:16	625
Trichloroethene	340000		13000	6700	ug/m3			02/10/12 21:16	625
Trichlorofluoromethane	ND		14000	7000	ug/m3			02/10/12 21:16	625
Vinyl chloride	ND		6400	3200	ug/m3			02/10/12 21:16	625
Xylenes, Total	ND		11000	5400	ug/m3			02/10/12 21:16	625
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130					02/10/12 21:16	625
1,2-Dichloroethane-d4 (Surr)	101		70 - 130					02/10/12 21:16	625
Toluene-d8 (Surr)	82		70 - 130					02/10/12 21:16	625

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020812-DR-003

Lab Sample ID: 340-479-3

Date Collected: 02/08/12 09:40

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	23000	J	50000	20000	ppb v/v			02/10/12 21:56	5000
Benzene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Bromodichloromethane	ND	*	20000	10000	ppb v/v			02/10/12 21:56	5000
Bromoform	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Bromomethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
2-Butanone (MEK)	ND		50000	20000	ppb v/v			02/10/12 21:56	5000
Carbon disulfide	ND		50000	10000	ppb v/v			02/10/12 21:56	5000
Carbon tetrachloride	ND		50000	20000	ppb v/v			02/10/12 21:56	5000
Chlorobenzene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Chloroethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Chloroform	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Chloromethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Dibromochloromethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,2-Dibromoethane (EDB)	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,2-Dichlorobenzene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,3-Dichlorobenzene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,4-Dichlorobenzene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Dichlorodifluoromethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,1-Dichloroethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,2-Dichloroethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,1-Dichloroethene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
cis-1,2-Dichloroethene	140000		20000	10000	ppb v/v			02/10/12 21:56	5000
trans-1,2-Dichloroethene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,2-Dichloropropane	ND		25000	10000	ppb v/v			02/10/12 21:56	5000
cis-1,3-Dichloropropene	ND		25000	10000	ppb v/v			02/10/12 21:56	5000
trans-1,3-Dichloropropene	ND		50000	20000	ppb v/v			02/10/12 21:56	5000
Ethylbenzene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
2-Hexanone	ND		50000	10000	ppb v/v			02/10/12 21:56	5000
4-Methyl-2-pentanone (MIBK)	ND		50000	10000	ppb v/v			02/10/12 21:56	5000
Methylene chloride	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Styrene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Tetrachloroethene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Toluene	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,2,4-Trichlorobenzene	ND		25000	13000	ppb v/v			02/10/12 21:56	5000
1,1,1-Trichloroethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
1,1,2-Trichloroethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Trichloroethene	430000		20000	10000	ppb v/v			02/10/12 21:56	5000
Trichlorofluoromethane	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Vinyl chloride	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Xylenes, Total	ND		20000	10000	ppb v/v			02/10/12 21:56	5000
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	55000	J	120000	48000	ug/m3			02/10/12 21:56	5000
Benzene	ND		64000	32000	ug/m3			02/10/12 21:56	5000
Bromodichloromethane	ND	*	130000	67000	ug/m3			02/10/12 21:56	5000
Bromoform	ND		210000	100000	ug/m3			02/10/12 21:56	5000
Bromomethane	ND		78000	39000	ug/m3			02/10/12 21:56	5000
2-Butanone (MEK)	ND		150000	59000	ug/m3			02/10/12 21:56	5000
Carbon disulfide	ND		160000	31000	ug/m3			02/10/12 21:56	5000

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020812-DR-003

Lab Sample ID: 340-479-3

Date Collected: 02/08/12 09:40

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		310000	130000	ug/m3			02/10/12 21:56	5000
Chlorobenzene	ND		92000	46000	ug/m3			02/10/12 21:56	5000
Chloroethane	ND		53000	26000	ug/m3			02/10/12 21:56	5000
Chloroform	ND		98000	49000	ug/m3			02/10/12 21:56	5000
Chloromethane	ND		41000	21000	ug/m3			02/10/12 21:56	5000
Dibromochloromethane	ND		170000	85000	ug/m3			02/10/12 21:56	5000
1,2-Dibromoethane (EDB)	ND		150000	77000	ug/m3			02/10/12 21:56	5000
1,2-Dichlorobenzene	ND		120000	60000	ug/m3			02/10/12 21:56	5000
1,3-Dichlorobenzene	ND		120000	60000	ug/m3			02/10/12 21:56	5000
1,4-Dichlorobenzene	ND		120000	60000	ug/m3			02/10/12 21:56	5000
Dichlorodifluoromethane	ND		99000	49000	ug/m3			02/10/12 21:56	5000
1,1-Dichloroethane	ND		81000	40000	ug/m3			02/10/12 21:56	5000
1,2-Dichloroethane	ND		81000	40000	ug/m3			02/10/12 21:56	5000
1,1-Dichloroethene	ND		79000	40000	ug/m3			02/10/12 21:56	5000
cis-1,2-Dichloroethene	550000		79000	40000	ug/m3			02/10/12 21:56	5000
trans-1,2-Dichloroethene	ND		79000	40000	ug/m3			02/10/12 21:56	5000
1,2-Dichloropropane	ND		120000	46000	ug/m3			02/10/12 21:56	5000
cis-1,3-Dichloropropene	ND		110000	45000	ug/m3			02/10/12 21:56	5000
trans-1,3-Dichloropropene	ND		230000	91000	ug/m3			02/10/12 21:56	5000
Ethylbenzene	ND		87000	43000	ug/m3			02/10/12 21:56	5000
2-Hexanone	ND		200000	41000	ug/m3			02/10/12 21:56	5000
4-Methyl-2-pentanone (MIBK)	ND		200000	41000	ug/m3			02/10/12 21:56	5000
Methylene chloride	ND		69000	35000	ug/m3			02/10/12 21:56	5000
Styrene	ND		85000	43000	ug/m3			02/10/12 21:56	5000
Tetrachloroethene	ND		140000	68000	ug/m3			02/10/12 21:56	5000
Toluene	ND		75000	38000	ug/m3			02/10/12 21:56	5000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		150000	77000	ug/m3			02/10/12 21:56	5000
1,2,4-Trichlorobenzene	ND		190000	93000	ug/m3			02/10/12 21:56	5000
1,1,1-Trichloroethane	ND		110000	55000	ug/m3			02/10/12 21:56	5000
1,1,2-Trichloroethane	ND		110000	55000	ug/m3			02/10/12 21:56	5000
Trichloroethene	2300000		110000	54000	ug/m3			02/10/12 21:56	5000
Trichlorofluoromethane	ND		110000	56000	ug/m3			02/10/12 21:56	5000
Vinyl chloride	ND		51000	26000	ug/m3			02/10/12 21:56	5000
Xylenes, Total	ND		87000	43000	ug/m3			02/10/12 21:56	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130					02/10/12 21:56	5000
1,2-Dichloroethane-d4 (Surr)	101		70 - 130					02/10/12 21:56	5000
Toluene-d8 (Surr)	81		70 - 130					02/10/12 21:56	5000

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020812-DR-004

Lab Sample ID: 340-479-4

Date Collected: 02/08/12 16:10

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2000	800	ppb v/v			02/10/12 22:38	200
Benzene	ND		800	400	ppb v/v			02/10/12 22:38	200
Bromodichloromethane	ND	*	800	400	ppb v/v			02/10/12 22:38	200
Bromoform	ND		800	400	ppb v/v			02/10/12 22:38	200
Bromomethane	ND		800	400	ppb v/v			02/10/12 22:38	200
2-Butanone (MEK)	ND		2000	800	ppb v/v			02/10/12 22:38	200
Carbon disulfide	ND		2000	400	ppb v/v			02/10/12 22:38	200
Carbon tetrachloride	ND		2000	800	ppb v/v			02/10/12 22:38	200
Chlorobenzene	ND		800	400	ppb v/v			02/10/12 22:38	200
Chloroethane	ND		800	400	ppb v/v			02/10/12 22:38	200
Chloroform	ND		800	400	ppb v/v			02/10/12 22:38	200
Chloromethane	ND		800	400	ppb v/v			02/10/12 22:38	200
Dibromochloromethane	ND		800	400	ppb v/v			02/10/12 22:38	200
1,2-Dibromoethane (EDB)	ND		800	400	ppb v/v			02/10/12 22:38	200
1,2-Dichlorobenzene	ND		800	400	ppb v/v			02/10/12 22:38	200
1,3-Dichlorobenzene	ND		800	400	ppb v/v			02/10/12 22:38	200
1,4-Dichlorobenzene	ND		800	400	ppb v/v			02/10/12 22:38	200
Dichlorodifluoromethane	ND		800	400	ppb v/v			02/10/12 22:38	200
1,1-Dichloroethane	ND		800	400	ppb v/v			02/10/12 22:38	200
1,2-Dichloroethane	ND		800	400	ppb v/v			02/10/12 22:38	200
1,1-Dichloroethene	ND		800	400	ppb v/v			02/10/12 22:38	200
cis-1,2-Dichloroethene	2700		800	400	ppb v/v			02/10/12 22:38	200
trans-1,2-Dichloroethene	ND		800	400	ppb v/v			02/10/12 22:38	200
1,2-Dichloropropane	ND		1000	400	ppb v/v			02/10/12 22:38	200
cis-1,3-Dichloropropene	ND		1000	400	ppb v/v			02/10/12 22:38	200
trans-1,3-Dichloropropene	ND		2000	800	ppb v/v			02/10/12 22:38	200
Ethylbenzene	ND		800	400	ppb v/v			02/10/12 22:38	200
2-Hexanone	ND		2000	400	ppb v/v			02/10/12 22:38	200
4-Methyl-2-pentanone (MIBK)	ND		2000	400	ppb v/v			02/10/12 22:38	200
Methylene chloride	ND		800	400	ppb v/v			02/10/12 22:38	200
Styrene	ND		800	400	ppb v/v			02/10/12 22:38	200
Tetrachloroethene	ND		800	400	ppb v/v			02/10/12 22:38	200
Toluene	ND		800	400	ppb v/v			02/10/12 22:38	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	400	ppb v/v			02/10/12 22:38	200
1,2,4-Trichlorobenzene	ND		1000	500	ppb v/v			02/10/12 22:38	200
1,1,1-Trichloroethane	ND		800	400	ppb v/v			02/10/12 22:38	200
1,1,2-Trichloroethane	ND		800	400	ppb v/v			02/10/12 22:38	200
Trichloroethene	28000		800	400	ppb v/v			02/10/12 22:38	200
Trichlorofluoromethane	ND		800	400	ppb v/v			02/10/12 22:38	200
Vinyl chloride	ND		800	400	ppb v/v			02/10/12 22:38	200
Xylenes, Total	ND		800	400	ppb v/v			02/10/12 22:38	200
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		4800	1900	ug/m3			02/10/12 22:38	200
Benzene	ND		2600	1300	ug/m3			02/10/12 22:38	200
Bromodichloromethane	ND	*	5400	2700	ug/m3			02/10/12 22:38	200
Bromoform	ND		8300	4100	ug/m3			02/10/12 22:38	200
Bromomethane	ND		3100	1600	ug/m3			02/10/12 22:38	200
2-Butanone (MEK)	ND		5900	2400	ug/m3			02/10/12 22:38	200
Carbon disulfide	ND		6200	1200	ug/m3			02/10/12 22:38	200

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020812-DR-004

Lab Sample ID: 340-479-4

Date Collected: 02/08/12 16:10

Matrix: Air

Date Received: 02/10/12 10:15

Sample Container: Air Sample Bag - 1 L

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		13000	5000	ug/m3			02/10/12 22:38	200
Chlorobenzene	ND		3700	1800	ug/m3			02/10/12 22:38	200
Chloroethane	ND		2100	1100	ug/m3			02/10/12 22:38	200
Chloroform	ND		3900	2000	ug/m3			02/10/12 22:38	200
Chloromethane	ND		1700	830	ug/m3			02/10/12 22:38	200
Dibromochloromethane	ND		6800	3400	ug/m3			02/10/12 22:38	200
1,2-Dibromoethane (EDB)	ND		6100	3100	ug/m3			02/10/12 22:38	200
1,2-Dichlorobenzene	ND		4800	2400	ug/m3			02/10/12 22:38	200
1,3-Dichlorobenzene	ND		4800	2400	ug/m3			02/10/12 22:38	200
1,4-Dichlorobenzene	ND		4800	2400	ug/m3			02/10/12 22:38	200
Dichlorodifluoromethane	ND		4000	2000	ug/m3			02/10/12 22:38	200
1,1-Dichloroethane	ND		3200	1600	ug/m3			02/10/12 22:38	200
1,2-Dichloroethane	ND		3200	1600	ug/m3			02/10/12 22:38	200
1,1-Dichloroethene	ND		3200	1600	ug/m3			02/10/12 22:38	200
cis-1,2-Dichloroethene	11000		3200	1600	ug/m3			02/10/12 22:38	200
trans-1,2-Dichloroethene	ND		3200	1600	ug/m3			02/10/12 22:38	200
1,2-Dichloropropane	ND		4600	1800	ug/m3			02/10/12 22:38	200
cis-1,3-Dichloropropene	ND		4500	1800	ug/m3			02/10/12 22:38	200
trans-1,3-Dichloropropene	ND		9100	3600	ug/m3			02/10/12 22:38	200
Ethylbenzene	ND		3500	1700	ug/m3			02/10/12 22:38	200
2-Hexanone	ND		8200	1600	ug/m3			02/10/12 22:38	200
4-Methyl-2-pentanone (MIBK)	ND		8200	1600	ug/m3			02/10/12 22:38	200
Methylene chloride	ND		2800	1400	ug/m3			02/10/12 22:38	200
Styrene	ND		3400	1700	ug/m3			02/10/12 22:38	200
Tetrachloroethene	ND		5400	2700	ug/m3			02/10/12 22:38	200
Toluene	ND		3000	1500	ug/m3			02/10/12 22:38	200
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6100	3100	ug/m3			02/10/12 22:38	200
1,2,4-Trichlorobenzene	ND		7400	3700	ug/m3			02/10/12 22:38	200
1,1,1-Trichloroethane	ND		4400	2200	ug/m3			02/10/12 22:38	200
1,1,2-Trichloroethane	ND		4400	2200	ug/m3			02/10/12 22:38	200
Trichloroethene	150000		4300	2100	ug/m3			02/10/12 22:38	200
Trichlorofluoromethane	ND		4500	2200	ug/m3			02/10/12 22:38	200
Vinyl chloride	ND		2000	1000	ug/m3			02/10/12 22:38	200
Xylenes, Total	ND		3500	1700	ug/m3			02/10/12 22:38	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130					02/10/12 22:38	200
1,2-Dichloroethane-d4 (Surr)	103		70 - 130					02/10/12 22:38	200
Toluene-d8 (Surr)	80		70 - 130					02/10/12 22:38	200

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air

Matrix: Air

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	12DCE (70-130)	TOL (70-130)
340-479-1	GS-17303-020712-DR-001	108	105	83
340-479-2	GS-17303-020812-DR-002	106	101	82
340-479-3	GS-17303-020812-DR-003	109	101	81
340-479-4	GS-17303-020812-DR-004	107	103	80
LCS 340-662/5	Lab Control Sample	108	99	85
LCSD 340-662/6	Lab Control Sample Dup	109	105	85
MB 340-662/11	Method Blank	109	104	83

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 340-662/11

Matrix: Air

Analysis Batch: 662

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	4.0	ppb v/v			02/10/12 19:17	1
Benzene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Bromodichloromethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Bromoform	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Bromomethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
2-Butanone (MEK)	ND		10	4.0	ppb v/v			02/10/12 19:17	1
Carbon disulfide	ND		10	2.0	ppb v/v			02/10/12 19:17	1
Carbon tetrachloride	ND		10	4.0	ppb v/v			02/10/12 19:17	1
Chlorobenzene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Chloroethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Chloroform	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Chloromethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Dibromochloromethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,2-Dibromoethane (EDB)	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,2-Dichlorobenzene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,3-Dichlorobenzene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,4-Dichlorobenzene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Dichlorodifluoromethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,1-Dichloroethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,2-Dichloroethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,1-Dichloroethene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
cis-1,2-Dichloroethene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
trans-1,2-Dichloroethene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,2-Dichloropropane	ND		5.0	2.0	ppb v/v			02/10/12 19:17	1
cis-1,3-Dichloropropene	ND		5.0	2.0	ppb v/v			02/10/12 19:17	1
trans-1,3-Dichloropropene	ND		10	4.0	ppb v/v			02/10/12 19:17	1
Ethylbenzene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
2-Hexanone	ND		10	2.0	ppb v/v			02/10/12 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ppb v/v			02/10/12 19:17	1
Methylene chloride	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Styrene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Tetrachloroethene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Toluene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ppb v/v			02/10/12 19:17	1
1,1,1-Trichloroethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
1,1,2-Trichloroethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Trichloroethene	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Trichlorofluoromethane	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Vinyl chloride	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Xylenes, Total	ND		4.0	2.0	ppb v/v			02/10/12 19:17	1
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		24	9.5	ug/m3			02/10/12 19:17	1
Benzene	ND		13	6.4	ug/m3			02/10/12 19:17	1
Bromodichloromethane	ND		27	13	ug/m3			02/10/12 19:17	1
Bromoform	ND		41	21	ug/m3			02/10/12 19:17	1
Bromomethane	ND		16	7.8	ug/m3			02/10/12 19:17	1
2-Butanone (MEK)	ND		29	12	ug/m3			02/10/12 19:17	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 340-662/11

Matrix: Air

Analysis Batch: 662

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		31	6.2	ug/m3			02/10/12 19:17	1
Carbon tetrachloride	ND		63	25	ug/m3			02/10/12 19:17	1
Chlorobenzene	ND		18	9.2	ug/m3			02/10/12 19:17	1
Chloroethane	ND		11	5.3	ug/m3			02/10/12 19:17	1
Chloroform	ND		20	9.8	ug/m3			02/10/12 19:17	1
Chloromethane	ND		8.3	4.1	ug/m3			02/10/12 19:17	1
Dibromochloromethane	ND		34	17	ug/m3			02/10/12 19:17	1
1,2-Dibromoethane (EDB)	ND		31	15	ug/m3			02/10/12 19:17	1
1,2-Dichlorobenzene	ND		24	12	ug/m3			02/10/12 19:17	1
1,3-Dichlorobenzene	ND		24	12	ug/m3			02/10/12 19:17	1
1,4-Dichlorobenzene	ND		24	12	ug/m3			02/10/12 19:17	1
Dichlorodifluoromethane	ND		20	9.9	ug/m3			02/10/12 19:17	1
1,1-Dichloroethane	ND		16	8.1	ug/m3			02/10/12 19:17	1
1,2-Dichloroethane	ND		16	8.1	ug/m3			02/10/12 19:17	1
1,1-Dichloroethene	ND		16	7.9	ug/m3			02/10/12 19:17	1
cis-1,2-Dichloroethene	ND		16	7.9	ug/m3			02/10/12 19:17	1
trans-1,2-Dichloroethene	ND		16	7.9	ug/m3			02/10/12 19:17	1
1,2-Dichloropropane	ND		23	9.2	ug/m3			02/10/12 19:17	1
cis-1,3-Dichloropropene	ND		23	9.1	ug/m3			02/10/12 19:17	1
trans-1,3-Dichloropropene	ND		45	18	ug/m3			02/10/12 19:17	1
Ethylbenzene	ND		17	8.7	ug/m3			02/10/12 19:17	1
2-Hexanone	ND		41	8.2	ug/m3			02/10/12 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		41	8.2	ug/m3			02/10/12 19:17	1
Methylene chloride	ND		14	6.9	ug/m3			02/10/12 19:17	1
Styrene	ND		17	8.5	ug/m3			02/10/12 19:17	1
Tetrachloroethene	ND		27	14	ug/m3			02/10/12 19:17	1
Toluene	ND		15	7.5	ug/m3			02/10/12 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		31	15	ug/m3			02/10/12 19:17	1
1,2,4-Trichlorobenzene	ND		37	19	ug/m3			02/10/12 19:17	1
1,1,1-Trichloroethane	ND		22	11	ug/m3			02/10/12 19:17	1
1,1,2-Trichloroethane	ND		22	11	ug/m3			02/10/12 19:17	1
Trichloroethene	ND		21	11	ug/m3			02/10/12 19:17	1
Trichlorofluoromethane	ND		22	11	ug/m3			02/10/12 19:17	1
Vinyl chloride	ND		10	5.1	ug/m3			02/10/12 19:17	1
Xylenes, Total	ND		17	8.7	ug/m3			02/10/12 19:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130		02/10/12 19:17	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		02/10/12 19:17	1
Toluene-d8 (Surr)	83		70 - 130		02/10/12 19:17	1

Lab Sample ID: LCS 340-662/5

Matrix: Air

Analysis Batch: 662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	49.8		ppb v/v		100	70 - 130
Benzene	50.0	47.1		ppb v/v		94	70 - 130
Bromodichloromethane	50.0	34.5	*	ppb v/v		69	70 - 130

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 340-662/5

Matrix: Air

Analysis Batch: 662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	47.8		ppb v/v		96	70 - 130
Bromomethane	50.0	37.6		ppb v/v		75	70 - 130
2-Butanone (MEK)	53.0	55.3		ppb v/v		104	70 - 130
Carbon disulfide	50.0	41.4		ppb v/v		83	70 - 130
Carbon tetrachloride	50.0	41.4		ppb v/v		83	70 - 130
Chlorobenzene	53.5	45.4		ppb v/v		85	70 - 130
Chloroethane	50.0	47.5		ppb v/v		95	70 - 130
Chloroform	50.0	47.7		ppb v/v		95	70 - 130
Chloromethane	50.0	43.1		ppb v/v		86	70 - 130
Dibromochloromethane	57.5	44.5		ppb v/v		77	70 - 130
1,2-Dibromoethane (EDB)	50.0	45.7		ppb v/v		91	70 - 130
1,2-Dichlorobenzene	53.5	47.3		ppb v/v		88	70 - 130
1,3-Dichlorobenzene	54.0	47.6		ppb v/v		88	70 - 130
1,4-Dichlorobenzene	50.0	48.4		ppb v/v		97	70 - 130
Dichlorodifluoromethane	50.0	39.1		ppb v/v		78	70 - 130
1,1-Dichloroethane	50.0	46.4		ppb v/v		93	70 - 130
1,2-Dichloroethane	50.0	49.4		ppb v/v		99	70 - 130
1,1-Dichloroethene	50.0	44.7		ppb v/v		89	70 - 130
cis-1,2-Dichloroethene	50.0	47.7		ppb v/v		95	70 - 130
trans-1,2-Dichloroethene	50.0	44.5		ppb v/v		89	70 - 130
1,2-Dichloropropane	50.0	39.9		ppb v/v		80	70 - 130
cis-1,3-Dichloropropene	53.0	42.0		ppb v/v		79	70 - 130
trans-1,3-Dichloropropene	50.0	41.0		ppb v/v		82	70 - 130
Ethylbenzene	53.0	48.0		ppb v/v		91	70 - 130
2-Hexanone	50.0	52.5		ppb v/v		105	70 - 130
4-Methyl-2-pentanone (MIBK)	55.0	44.5		ppb v/v		81	70 - 130
Methylene chloride	50.0	35.4		ppb v/v		71	70 - 130
Styrene	53.5	52.0		ppb v/v		97	70 - 130
Tetrachloroethene	50.0	41.3		ppb v/v		83	70 - 130
Toluene	50.0	38.2		ppb v/v		76	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.2		ppb v/v		86	70 - 130
1,2,4-Trichlorobenzene	50.0	38.4		ppb v/v		77	70 - 130
1,1,1-Trichloroethane	50.0	46.4		ppb v/v		93	70 - 130
1,1,2-Trichloroethane	50.0	45.9		ppb v/v		92	70 - 130
Trichloroethene	50.0	42.9		ppb v/v		86	70 - 130
Trichlorofluoromethane	50.0	46.1		ppb v/v		92	70 - 130
Vinyl chloride	50.0	44.5		ppb v/v		89	70 - 130
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	120	118		ug/m3		100	70 - 130
Benzene	160	150		ug/m3		94	70 - 130
Bromodichloromethane	340	231	*	ug/m3		69	70 - 130
Bromoform	520	494		ug/m3		96	70 - 130
Bromomethane	190	146		ug/m3		75	70 - 130
2-Butanone (MEK)	160	163		ug/m3		104	70 - 130
Carbon disulfide	160	129		ug/m3		83	70 - 130
Carbon tetrachloride	310	260		ug/m3		83	70 - 130
Chlorobenzene	250	209		ug/m3		85	70 - 130
Chloroethane	130	125		ug/m3		95	70 - 130

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 340-662/5

Matrix: Air

Analysis Batch: 662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	240	233		ug/m3		95	70 - 130
Chloromethane	100	89.0		ug/m3		86	70 - 130
Dibromochloromethane	490	379		ug/m3		77	70 - 130
1,2-Dibromoethane (EDB)	380	351		ug/m3		91	70 - 130
1,2-Dichlorobenzene	320	284		ug/m3		88	70 - 130
1,3-Dichlorobenzene	320	286		ug/m3		88	70 - 130
1,4-Dichlorobenzene	300	291		ug/m3		97	70 - 130
Dichlorodifluoromethane	250	193		ug/m3		78	70 - 130
1,1-Dichloroethane	200	188		ug/m3		93	70 - 130
1,2-Dichloroethane	200	200		ug/m3		99	70 - 130
1,1-Dichloroethene	200	177		ug/m3		89	70 - 130
cis-1,2-Dichloroethene	200	189		ug/m3		95	70 - 130
trans-1,2-Dichloroethene	200	176		ug/m3		89	70 - 130
1,2-Dichloropropane	230	184		ug/m3		80	70 - 130
cis-1,3-Dichloropropene	240	191		ug/m3		79	70 - 130
trans-1,3-Dichloropropene	230	186		ug/m3		82	70 - 130
Ethylbenzene	230	208		ug/m3		91	70 - 130
2-Hexanone	200	215		ug/m3		105	70 - 130
4-Methyl-2-pentanone (MIBK)	230	182		ug/m3		81	70 - 130
Methylene chloride	170	123		ug/m3		71	70 - 130
Styrene	230	222		ug/m3		97	70 - 130
Tetrachloroethene	340	280		ug/m3		83	70 - 130
Toluene	190	144		ug/m3		76	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	380	331		ug/m3		86	70 - 130
1,2,4-Trichlorobenzene	370	285		ug/m3		77	70 - 130
1,1,1-Trichloroethane	270	253		ug/m3		93	70 - 130
1,1,2-Trichloroethane	270	250		ug/m3		92	70 - 130
Trichloroethene	270	231		ug/m3		86	70 - 130
Trichlorofluoromethane	280	259		ug/m3		92	70 - 130
Vinyl chloride	130	114		ug/m3		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	85		70 - 130

Lab Sample ID: LCSD 340-662/6

Matrix: Air

Analysis Batch: 662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	50.0	49.3		ppb v/v		99	70 - 130	1	25
Benzene	50.0	45.4		ppb v/v		91	70 - 130	4	25
Bromodichloromethane	50.0	35.8		ppb v/v		72	70 - 130	4	25
Bromoform	50.0	47.7		ppb v/v		95	70 - 130	0	25
Bromomethane	50.0	40.1		ppb v/v		80	70 - 130	6	25
2-Butanone (MEK)	53.0	52.0		ppb v/v		98	70 - 130	6	25
Carbon disulfide	50.0	47.8		ppb v/v		96	70 - 130	14	25
Carbon tetrachloride	50.0	44.8		ppb v/v		90	70 - 130	8	25

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 340-662/6

Matrix: Air

Analysis Batch: 662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	53.5	46.7		ppb v/v		87	70 - 130	3	25
Chloroethane	50.0	46.1		ppb v/v		92	70 - 130	3	25
Chloroform	50.0	48.4		ppb v/v		97	70 - 130	1	25
Chloromethane	50.0	45.4		ppb v/v		91	70 - 130	5	25
Dibromochloromethane	57.5	44.8		ppb v/v		78	70 - 130	1	25
1,2-Dibromoethane (EDB)	50.0	46.1		ppb v/v		92	70 - 130	1	25
1,2-Dichlorobenzene	53.5	48.1		ppb v/v		90	70 - 130	2	25
1,3-Dichlorobenzene	54.0	47.6		ppb v/v		88	70 - 130	0	25
1,4-Dichlorobenzene	50.0	49.0		ppb v/v		98	70 - 130	1	25
Dichlorodifluoromethane	50.0	40.6		ppb v/v		81	70 - 130	4	25
1,1-Dichloroethane	50.0	46.5		ppb v/v		93	70 - 130	0	25
1,2-Dichloroethane	50.0	49.9		ppb v/v		100	70 - 130	1	25
1,1-Dichloroethene	50.0	46.5		ppb v/v		93	70 - 130	4	25
cis-1,2-Dichloroethene	50.0	48.5		ppb v/v		97	70 - 130	2	25
trans-1,2-Dichloroethene	50.0	45.9		ppb v/v		92	70 - 130	3	25
1,2-Dichloropropane	50.0	45.1		ppb v/v		90	70 - 130	12	25
cis-1,3-Dichloropropene	53.0	41.1		ppb v/v		78	70 - 130	2	25
trans-1,3-Dichloropropene	50.0	41.2		ppb v/v		82	70 - 130	0	25
Ethylbenzene	53.0	48.9		ppb v/v		92	70 - 130	2	25
2-Hexanone	50.0	53.0		ppb v/v		106	70 - 130	1	25
4-Methyl-2-pentanone (MIBK)	55.0	40.9		ppb v/v		74	70 - 130	8	25
Methylene chloride	50.0	35.5		ppb v/v		71	70 - 130	0	25
Styrene	53.5	52.4		ppb v/v		98	70 - 130	1	25
Tetrachloroethene	50.0	42.0		ppb v/v		84	70 - 130	2	25
Toluene	50.0	38.3		ppb v/v		77	70 - 130	0	25
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.9		ppb v/v		90	70 - 130	4	25
1,2,4-Trichlorobenzene	50.0	42.8		ppb v/v		86	70 - 130	11	25
1,1,1-Trichloroethane	50.0	46.5		ppb v/v		93	70 - 130	0	25
1,1,2-Trichloroethane	50.0	47.1		ppb v/v		94	70 - 130	3	25
Trichloroethene	50.0	44.4		ppb v/v		89	70 - 130	3	25
Trichlorofluoromethane	50.0	47.0		ppb v/v		94	70 - 130	2	25
Vinyl chloride	50.0	42.5		ppb v/v		85	70 - 130	5	25

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	120	117		ug/m3		99	70 - 130	1	25
Benzene	160	145		ug/m3		91	70 - 130	4	25
Bromodichloromethane	340	240		ug/m3		72	70 - 130	4	25
Bromoform	520	493		ug/m3		95	70 - 130	0	25
Bromomethane	190	156		ug/m3		80	70 - 130	6	25
2-Butanone (MEK)	160	153		ug/m3		98	70 - 130	6	25
Carbon disulfide	160	149		ug/m3		96	70 - 130	14	25
Carbon tetrachloride	310	282		ug/m3		90	70 - 130	8	25
Chlorobenzene	250	214		ug/m3		87	70 - 130	3	25
Chloroethane	130	122		ug/m3		92	70 - 130	3	25
Chloroform	240	236		ug/m3		97	70 - 130	1	25
Chloromethane	100	93.8		ug/m3		91	70 - 130	5	25
Dibromochloromethane	490	382		ug/m3		78	70 - 130	1	25
1,2-Dibromoethane (EDB)	380	354		ug/m3		92	70 - 130	1	25
1,2-Dichlorobenzene	320	289		ug/m3		90	70 - 130	2	25

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method: TO-15 MOD - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 340-662/6

Matrix: Air

Analysis Batch: 662

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	320	286		ug/m3		88	70 - 130	0	25
1,4-Dichlorobenzene	300	295		ug/m3		98	70 - 130	1	25
Dichlorodifluoromethane	250	201		ug/m3		81	70 - 130	4	25
1,1-Dichloroethane	200	188		ug/m3		93	70 - 130	0	25
1,2-Dichloroethane	200	202		ug/m3		100	70 - 130	1	25
1,1-Dichloroethene	200	184		ug/m3		93	70 - 130	4	25
cis-1,2-Dichloroethene	200	192		ug/m3		97	70 - 130	2	25
trans-1,2-Dichloroethene	200	182		ug/m3		92	70 - 130	3	25
1,2-Dichloropropane	230	208		ug/m3		90	70 - 130	12	25
cis-1,3-Dichloropropene	240	187		ug/m3		78	70 - 130	2	25
trans-1,3-Dichloropropene	230	187		ug/m3		82	70 - 130	0	25
Ethylbenzene	230	212		ug/m3		92	70 - 130	2	25
2-Hexanone	200	217		ug/m3		106	70 - 130	1	25
4-Methyl-2-pentanone (MIBK)	230	168		ug/m3		74	70 - 130	8	25
Methylene chloride	170	123		ug/m3		71	70 - 130	0	25
Styrene	230	223		ug/m3		98	70 - 130	1	25
Tetrachloroethene	340	285		ug/m3		84	70 - 130	2	25
Toluene	190	144		ug/m3		77	70 - 130	0	25
1,1,2-Trichloro-1,2,2-trifluoroethane	380	344		ug/m3		90	70 - 130	4	25
1,2,4-Trichlorobenzene	370	318		ug/m3		86	70 - 130	11	25
1,1,1-Trichloroethane	270	254		ug/m3		93	70 - 130	0	25
1,1,2-Trichloroethane	270	257		ug/m3		94	70 - 130	3	25
Trichloroethene	270	239		ug/m3		89	70 - 130	3	25
Trichlorofluoromethane	280	264		ug/m3		94	70 - 130	2	25
Vinyl chloride	130	109		ug/m3		85	70 - 130	5	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,2-Dichloroethane-d4 (Surr)	105		70 - 130
Toluene-d8 (Surr)	85		70 - 130

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Air - GC/MS VOA

Analysis Batch: 662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
340-479-1	GS-17303-020712-DR-001	Total/NA	Air	TO-15 MOD	
340-479-2	GS-17303-020812-DR-002	Total/NA	Air	TO-15 MOD	
340-479-3	GS-17303-020812-DR-003	Total/NA	Air	TO-15 MOD	
340-479-4	GS-17303-020812-DR-004	Total/NA	Air	TO-15 MOD	
LCS 340-662/5	Lab Control Sample	Total/NA	Air	TO-15 MOD	
LCSD 340-662/6	Lab Control Sample Dup	Total/NA	Air	TO-15 MOD	
MB 340-662/11	Method Blank	Total/NA	Air	TO-15 MOD	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Client Sample ID: GS-17303-020712-DR-001

Date Collected: 02/07/12 16:45

Date Received: 02/10/12 10:15

Lab Sample ID: 340-479-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 MOD		200	662	02/10/12 20:35	JR	TAL LA
Instrument ID: MSB								

Client Sample ID: GS-17303-020812-DR-002

Date Collected: 02/08/12 08:00

Date Received: 02/10/12 10:15

Lab Sample ID: 340-479-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 MOD		625	662	02/10/12 21:16	JR	TAL LA
Instrument ID: MSB								

Client Sample ID: GS-17303-020812-DR-003

Date Collected: 02/08/12 09:40

Date Received: 02/10/12 10:15

Lab Sample ID: 340-479-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 MOD		5000	662	02/10/12 21:56	JR	TAL LA
Instrument ID: MSB								

Client Sample ID: GS-17303-020812-DR-004

Date Collected: 02/08/12 16:10

Date Received: 02/10/12 10:15

Lab Sample ID: 340-479-4

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15 MOD		200	662	02/10/12 22:38	JR	TAL LA
Instrument ID: MSB								

Laboratory References:

TAL LA = TestAmerica Los Angeles, 3585 Cadillac Ave, Suite A, Costa Mesa, CA 92626, TEL (714)258-8610

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Los Angeles	Arizona	State Program	9	AZ0727
TestAmerica Los Angeles	Florida	NELAC	4	E87652
TestAmerica Los Angeles	L-A-B	DoD ELAP		L2273
TestAmerica Los Angeles	Louisiana	NELAC	6	01948
TestAmerica Los Angeles	New York	NELAC	2	11851
TestAmerica Los Angeles	Oregon	NELAC	10	CA200013

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Method	Method Description	Protocol	Laboratory
TO-15 MOD	Volatile Organic Compounds in Ambient Air	EPA	TAL LA

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL LA = TestAmerica Los Angeles, 3585 Cadillac Ave, Suite A, Costa Mesa, CA 92626, TEL (714)258-8610

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 017303-T05-02, RACER Trust / CVO

TestAmerica Job ID: 340-479-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
340-479-1	GS-17303-020712-DR-001	Air	02/07/12 16:45	02/10/12 10:15
340-479-2	GS-17303-020812-DR-002	Air	02/08/12 08:00	02/10/12 10:15
340-479-3	GS-17303-020812-DR-003	Air	02/08/12 09:40	02/10/12 10:15
340-479-4	GS-17303-020812-DR-004	Air	02/08/12 16:10	02/10/12 10:15



**CONESTOGA-ROVERS
& ASSOCIATES**

CHAIN OF CUSTODY RECORD

14496 Sheldon Road, Suite #200, Plymouth, Michigan 48170

Phone: (734) 453-5123

Fax: (734) 453-5201

340-479

COC NO.: **PL-08367**

PAGE OF

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 017303-T05-02Y12				Laboratory Name: TEST AMERICA				Lab Location: North Canton, OH				SSOW ID: 30640-T05-012					
Project Name: RACER-CVO				Lab Contact: D. Heckler				Lab Quote No:				Cooler No:					
Project Location: Ypsilanti, MI				SAMPLE TYPE				CONTAINER QUANTITY & PRESERVATION				ANALYSIS REQUESTED (See Back of COC for Definitions)					
Chemistry Contact: P.W. Suman				Matrix Code (see back of COC) Grab (G) or Comp (C)				Unpreserved Hydrochloric Acid (HCl) Nitric Acid (HNO ₃) Sulfuric Acid (H ₂ SO ₄) Sodium Hydroxide (NaOH) Methanol/Water (Soil VOC) EnCores 3x5-g, 1x25-g Other:				Total Containers/Sample Site Spec VOC					
Sampler(s): S. Tucker/D. Rivers																	
Carrier: FED EX				Airbill No:				Date Shipped: 2/8/12				COMMENTS/ SPECIAL INSTRUCTIONS:					
MS/MSD Request																	
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)			DATE (mm/dd/yy)	TIME (hh:mm)	Matrix Code	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO ₃)	Sulfuric Acid (H ₂ SO ₄)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	Site Spec VOC
1	GS-17303-020712-DR-001			2/7/12	1645	GS	G	1								1	X
2	↓ ↓ -020812 ↓ -002			2/8/12	800	↓	↓	1								1	X
3	↓ ↓ ↓ -003			↓	940	↓	↓	1								1	X
4	↓ ↓ ↓ -004			↓	1610	↓	↓	1								1	X
5																	
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TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other: _____

Total Number of Containers: **4** Notes/ Special Requirements: _____

All Samples in Cooler must be on COC

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1. D. Rivers	CRA	2/8/12	1800	1. TAM	TAM	2-9-12	9:15
2. G. Miller	TA/NC	2/9/12	1:30pm	2. [Signature]	TA LA	2/10/12	10:15
3. [Signature]				3. [Signature]			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution:

WHITE - Fully Executed Copy (CRA)

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampling Crew

CRA Form: COC-10A (20110804)



Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 340-479-1

Login Number: 479

List Source: TestAmerica Los Angeles

List Number: 1

Creator: Morales, Sergio

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	See NCM
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	