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2901 Tyler Rd, Ypsilanti, Michigan

DOCUMENTATION OF COMPLIANCE WITH SECTION 20107A OF PART 201 OF MICHIGAN ACT 451 PURSUANT TO ADMINISTRATIVE RULE 1003(5)

COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Prepared By:
Conestoga-Rovers and Associates, Inc.

NOVEMBER, 2007
REF. NO. 17303 (4)

Rule 1003(5) Compliance Documentation for Section 20107a, 1994 P.A. 451
General Motors Company Vehicle Operations
Ypsilanti, Michigan

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(Following Text)

LIST OF ACRONYMS

CAT	Complete Auto Transit
CRA	Conestoga-Rovers & Associates
CVO	Company Vehicle Operations
CVOCs	Chlorinated Volatile Organic Compounds
DCC	Direct Contact Criteria
DCD	Due Care Documentation
DCE	Dichloroethene
DNAPL	Dense Non-Aqueous Phase Liquid
ENCORE	Environmental Corporate Remediation Company, Inc.
EOS™	Edible Oil Substrate
FAV	Final Acute Value
GCC	Groundwater Contact Criteria
GM	General Motors
GSI	Groundwater Surface Water Interface
GVIIC	Groundwater Volatilization Indoor Air Inhalation Criteria
LNAPL	Light Non-Aqueous Phase Liquid
MDEQ	Michigan Department of Environmental Quality
MIOSHA	Michigan Occupational Health and Safety
NAPL	Non-Aqueous Phase Liquid
NREPA	Natural Resources and Environmental Protection Act
PAOC(s)	Potential Area(s) of Concern
PCBs	Polychlorinated Biphenyls
PSIC	Particulate Soil Inhalation Criteria for Ambient Air
RDW	Residential Drinking Water
TCE	Trichloroethene
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds
VSIC	Volatile Soil Inhalation Criteria
WRBC	Willow Run Business Center

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DOCUMENT REVIEW SIGNATURE PAGE

This Due Care Documentation report was prepared in accordance with state regulations to demonstrate that the General Motors Company Vehicle Operations Facility in Ypsilanti has taken appropriate action to prevent exposures to substances present in soil and groundwater at concentrations exceeding relevant and applicable criteria in accordance with Section 20107a of 1994 PA 451. This Due Care Documentation report was reviewed by the following:

Name	Signature	Title	Date

Dr. Ken Richards, ENCORE Project Manager, and Mr. Lou Welch, Facility Area Manager, jointly ensure activities and conditions at the facility are consistent with those specified in this document. Dr. Ken Richards can be reached at (248) 753-5912. Mr. Welch can be reached at (734) 482-5005.

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1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by the Environmental Corporate Remediation Company, Inc. (ENCORE) to prepare this Due Care Documentation (DCD) report for the General Motors (GM) Company Vehicle Operations (CVO) facility located at 2901 Tyler Road in Ypsilanti, Michigan (Site).

The objective of this DCD is to demonstrate compliance with Section 20107a ("due care" or "7a") of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994 (Part 201), as amended. NREPA requires owners and operators of a facility to take due care measures to ensure that substances in soil or groundwater exceeding applicable generic soil and/or groundwater criteria do not result in unacceptable human exposure to hazards that may exist on a property.

The property is zoned industrial and access is controlled consistent with that identified for the industrial land uses category by the Michigan Department of Environmental Quality (MDEQ) in Operational Memo No. 1 (December 10, 2004). Industrial cleanup criteria for this category of land use identify acceptable soil and groundwater concentrations for exposures that may occur to substances in these media. Where present, the potential for exposures to substances in soil and groundwater above the industrial values require actions to assure exposures do not occur.

2.0 BACKGROUND, CURRENT USE, AND SUMMARY OF AREAS RECOGNIZED AS A "FACILITY" PURSUANT TO PART 201

2.1 SITE HISTORY

The Site is located on the former Willow Run Assembly Plant property, which currently houses the Willow Run Business Center (WRBC), as well as the GM CVO facility. The CVO area is bordered on the north and east by Tyler Pond and by the WRBC to the west. Tyler Road borders the southern property boundary.

Prior to 1940, the current Willow Run site was agricultural land purchased by the Ford Motor Company. In 1941, the United States Defense Plant Corporation of America purchased the Willow Run facility from Ford and contracted Ford to construct and operate a bomber production plant. Along with the plant, Ford constructed various support buildings, an airstrip and a wastewater treatment plant. Military aircraft were manufactured at the plant from 1941 to 1945.

A dam was built sometime between 1941 and 1943 at Tyler Road, creating Tyler Pond. This pond served as the discharge point for wastewater treatment operations associated with the airport and the bomber production facility. The Kaiser-Frazer Company (Kaiser-Frazer) leased the bomber plant and CVO area from the War Asset Administration in November 1945 and purchased the facility in December 1948. Kaiser-Frazer refurbished the plant to produce automobiles and is thought to have constructed an administration building to house design and engineering facilities. Kaiser-Frazer owned the property until its sale to GM in December 1954.

GM used the original building at this location as a parts storage warehouse until 1955. In 1956, light truck assembly began at the plant. Between 1958 and 1971, the Fisher body division and the Chevrolet motor division conducted building expansions at the site. The operations at this location included:

- The assembly of sheet metal stampings into a complete body by welding solder applications, metal finishing, and washing;
- Body painting electro-deposition painting operations, top coating; and
- Assembly of body interior equipment using mechanical fasteners, sealers and adhesives for final assembly.

Support operations included plant equipment maintenance and cleaning along with industrial wastewater pretreatment prior to discharge to the Ypsilanti County Utilities Authority. Following assembly operations, vehicles were distributed to dealers by both truck and railway systems. Production operations ceased in July of 1993 when deactivation and decommissioning operations were completed to prepare the WRBC facility for an eventual sale in 1997 but GM retains ownership of the CVO facility.

2.2 CURRENT USE

The Site is currently used to store and maintain GM owned company vehicles. The majority of the Site is a parking lot with one building, the Haulaway Building. This building houses offices, a garage and a car-washing bay. There are some temporary structures on the Site; these include a covered work area, storage sheds and office trailer type structures. The entire property is paved with the exception of a small stretch of land adjacent to Tyler Pond. This stretch of land is covered with vegetation and access to this location is restricted by means of a locked fence. There are no foreseeable plans to change the Site's uses. The layout of the Site, including some of its utilities is outlined on Figure 2.1.

2.3 AREAS OF SITE THAT ARE A PART 201 FACILITY AND SUBJECT TO SECTION 20107A OBLIGATIONS

Impacts from historical activities are present at certain areas of the Site; these areas have been designated potential areas of concern (PAOCs). PAOCs are areas where, through review of historical records, hazardous constituents are suspected to exist above Michigan generic residential soil and/or groundwater criteria. There are however PAOCs where sampling and analysis have verified that presence of hazardous constituents at concentrations exceeding generic criteria. Although the constituents of concern at each of the Site's PAOCs are similar, the exposure pathways are different because of the unique circumstances and structures at each PAOC. New soil impacts contaminants are not expected, and existing impacts are expected to decrease or remain at current concentrations as a result of natural degradation or active remediation. Impacted groundwater is expected to migrate in a manner consistent with established

gradients. The Site is surrounded by perimeter wells that are monitored on a quarterly basis.

The following subsections describe areas where known soil and/or groundwater contamination exists above Michigan generic residential criteria. These areas have been identified based on a review of historical documents and analytical testing. The locations of PAOCs are presented on Figure 2.2.

2.3.1 PAOC 18 – OUTFALL 12 NAPL AREA

Constituent Information

The former Outfall 12 NAPL (non-Aqueous Phase Liquid) Area, PAOC 18, is located along the southern bank of Tyler Pond on the CVO property. Historical evidence suggests that Kaiser-Frazer dumped paint sludge in the area between the CVO fence line and Tyler Pond during the 1940's and 1950's. This area was also used as a refuse dump site for miscellaneous wastes. The extent of buried waste has been delineated and is illustrated on Figure 2.3. This figure also shows areas where dense non-aqueous phase liquid (DNAPL) has been detected in soil borings. The refuse is believed to be the source of DNAPL that is present at this location. NAPLs are fluids that will not mix with water and depending on the fluid's density, a NAPL will either float on top of water or sink below water. DNAPLs will sink below the water and light NAPLs (LNAPLs) will float on top of water. LNAPL has been observed in various locations at this PAOC.

The main constituents of concern at this location are chlorinated and non-chlorinated volatile organic compounds (VOCs). Polychlorinated biphenyls (PCBs) and metals are also present. Detailed analytical data for this PAOC are available in Tables 2.1 to 2.6.

Exposure Pathways

There are no relevant exposure pathways at this PAOC for routine Site personnel as the area is covered by vegetation, no enclosed structures exist, and a locked fence restricts access to the area. Intermittent activity within the area occurs by remediation personnel monitoring and addressing conditions in the area. Their activity is governed by a remediation Site-specific health and safety plan.

Applicable Generic Criteria

Residential drinking water (RDW) and groundwater surface water interface (GSI) (including Rule 57 final acute values (FAV)) criteria are relevant for off-Site migration reporting. Criteria for soil and groundwater contact (direct contact criteria (DCC), (groundwater contact criteria, (GCC)), ambient air (volatile soil inhalation criteria (VSIC) and particulate soil inhalation criteria for ambient air (PSIC)) are potentially relevant in this area. It should be noted however, that access to this area is exclusive (only remediation personnel have access to this area) and intermittent. Safe use of the area is assured by adherence to the remediation Site-specific health and safety plan.

Fire and Explosion Hazards

There are no known fire or explosion hazards present at this PAOC.

2.3.2 PAOC 19 – SITE GROUNDWATER

Constituent Information

PAOC 19 refers to the groundwater beneath the CVO property where groundwater is impacted with chlorinated volatile organic compounds (CVOCs) and metals. Based on sampling results from quarterly monitoring events, it appears that groundwater impacted with CVOCs is flowing northeast and southeast. This flow pattern is the result of a groundwater divide that is located at Site's areal center. Investigations in this area included soil borings, monitoring wells and test pitting activities. Results from these activities indicate that impacts from VOCs, metals and PCBs are present. Detailed analytical data for this PAOC are available in Tables 2.7 to 2.11.

Exposure Pathways

Potable and other water supply needs at the Site are provided by off-Site sources and groundwater is recognized by the MDEQ as "not in an aquifer" (see Appendix A). The Site's entire accessible ground surface is covered by a barrier consisting of concrete, asphalt, or buildings (only property on the banks of Tyler Pond and outside the Site perimeter fence is without an installed feature that serves as a barrier).

These barriers prevent accidental contact from dust, soil or groundwater. The only possible human exposure path is through direct contact during subsurface excavation activities, or by volatilization to indoor air.

Applicable Generic Criteria

RDW and GSI (including Rule 57 FAV) criteria are relevant for off-Site migration reporting. Criteria for GCC, and groundwater volatilization to indoor air inhalation criteria (GVIIC) are potentially relevant. It should be noted that access to the subsurface in this area would only occur during excavation activities. Remediation personnel have intermittent and exclusive access to the subsurface during investigation activities and safe use of the area is assured by adherence to the remediation Site's remediation health and safety plan.

Fire and Explosion Hazards

There are no known fire or explosion hazards present at this PAOC.

2.3.3 PAOC 20 – FORMER CAT SITE VOC PLUME

The former Complete Auto Transit (CAT) area (located on the CVO property) included areas near the Haulaway Building and the surrounding asphalt pavement. An underground storage tank (UST) farm consisting of two 10,000-gallon diesel USTs and one 550-gallon gasoline UST was located near the northwest corner of the building. Underground piping associated with the former diesel UST system extended to the north and east of the building. A release was discovered when the USTs and the piping were removed in 1994.

This PAOC was originally addressed under Part 213, the leaking UST program. A closure report was submitted to the MDEQ in October 2001; a copy of the acceptance letter of the closure report is available in Appendix B. As concluded in the Description of Existing Conditions Report (Blasland, Bouck and Lee, 1997), VOC impacts not regulated under Part 213 encompass a majority of the area so the impacts in PAOC 20 will be addressed under PAOC 19, CVO property groundwater. All exposure pathways, applicable generic criteria as well as fire and explosion hazards are identical to those discussed in PAOC 19.

2.3.4 PAOC 23 – 1949 FILL AREA

Constituent Information

The 1949 fill area is located adjacent to the northeast corner of the Haulaway Building. Four treatments of potassium permanganate were injected into the groundwater at this

location between December 2001 and June 2002. The injections were designed to reduce VOC concentrations in groundwater to levels that would support natural attenuation. In July 2003, soil was excavated in PAOC 23 to remove material that was found to be an ongoing source of groundwater contamination. Investigations in this area included soil borings, monitoring wells and test pitting activities. Results from these activities indicate impacts from VOCs, PCBs and metals. LNAPL has also been detected at an injection well. Detailed analytical data for this PAOC are available in Tables 2.12 to 2.18.

Part of the VOC plume extends beneath the Haulaway Building and investigations have shown that this plume consists of cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride and trichloroethene (TCE). On July 6, 2006 an indoor air sampling event took place to evaluate the potential for constituent (vinyl chloride, cis-1,2-DCE and TCE) volatilization to indoor air. The results were below Michigan Occupational Safety and Health Administration's (MIOSHA) acceptable exposure levels for all constituents but the pathway remains relevant.

Exposure Pathways

The area is covered by asphalt and concrete. The applicable criterion outside of the Haulaway Building is direct contact during an excavation by utility workers or other personnel. Inside the Haulaway building, groundwater volatilization to indoor air inhalation pathway is also applicable.

Applicable Generic Criteria

The industrial and commercial criterion for groundwater volatilization to indoor air inhalation is relevant inside the Haulaway Building. For the area located outside, the only applicable criterion is direct contact during activities that require excavation.

Fire and Explosion Hazards

There are no known fire or explosion hazards present in this PAOC.

2.3.5 PAOC 24 – 1952 PITS

This area was discovered after a review of historical aerial photographs. The 1952 photographs show two additional pits west of a pit identified in a 1949 photograph (PAOC 23). The east end of these pits was located at the northwest corner of the Haulaway Building and extends approximately 150 feet west. The pits in the photograph appear dark in color indicating that they may have contained liquid.

PAOC 24 is located in the same area as PAOC 20. Soil results reveal fuel-type impacts in the area. Groundwater issues related to this PAOC are addressed under PAOC 19.

2.3.6 PAOC 29 – KAISER FRAZER FORMER DUMP AREA

The former dump area is a section of Tyler Pond's bank and the CVO parking lot that is located west of an existing trestle that traverses the pond. Investigations in this area included soil borings, monitoring wells and test pitting activities. Results from these activities indicate that impacts from VOCs, SVOCs, metals and PCBs are present. Detailed analytical data for this PAOC are available in Tables 2.19 to 2.23.

Exposure Pathways

There are no relevant exposure pathways at this PAOC for Site personnel as the area is covered by vegetation and a locked fence restricts access to the grounds. A portion of this PAOC is also located under the parking lot but the pavement acts a barrier between sources and receptors.

Applicable Generic Criteria

Relevant criteria at this location are the RDW criterion for off-Site migration reporting and the GSI criterion. The FAV criterion could also be applicable but there are no such exceedances present at this location and future exceedances are not anticipated based on evidence from well locations upgradient of the groundwater venting area.

Fire and Explosion Hazards

There are no known fire or explosion hazards present in this PAOC.

3.0 DOCUMENTATION OF COMPLIANCE REQUIRED BY RULE 1003(5) (a)

3.1 IDENTIFICATION OF EXPOSURE PATHWAYS – RULE 1003(5)(a)(i)

Potentially pertinent exposure pathways were reviewed and discussed above for specific PAOCs. Those that are complete or likely to become complete, in light of the intended use and features of the property are identified in the following sections.

3.1.1 DRINKING WATER EXPOSURE

This pathway is not complete, nor likely to become complete either on or off Site. However, the requirement for notification of off-site migration by Rule 1017 of the Part 10 Rules for Part 201 does not make this distinction, and there is reason to believe substances are moving off-Site in groundwater above the RDW criterion.

3.1.2 GROUNDWATER VENTING TO SURFACE WATER

This pathway is complete, as groundwater is understood to vent to Tyler Pond.

3.1.3 DERMAL CONTACT EXPOSURE TO SUBSTANCES IN SOIL AND GROUNDWATER

This pathway is not complete, and is only likely to become complete in the course of subsurface activities.

3.1.4 INHALATION OF INDOOR AIR EXPOSURE

This pathway may become complete due to the intrusion of substances from soil or groundwater in a vapor phase into the Haulaway Building.

3.1.5 INHALATION OF AMBIENT AIR EXPOSURE

The extensive pavement and buildings on the Site prevent nearly all soils from having an ability to release substances directly to ambient air. With the exception of incidental cracks or pavement openings, this pathway is not complete for the accessible area of the Site. The pathway is only likely to become complete in the course of subsurface

activities and in the areas at the banks of Tyler Pond that do not have a permanent cover.

3.2 CONCENTRATIONS OF HAZARDOUS SUBSTANCES – RULE 1003(5)(a)(ii)

Information about the concentrations of substances in each media at each PAOC is presented in the attached tables as stated in the respective PAOC discussion sections. Detailed chemical information about free product located on the Site is provided in Table 2.6 (DNAPL in PAOC 18) and Table 2.18 (LNAPL in PAOC 23).

3.3 RESPONSE ACTIVITIES – RULE 1003(5)(a)(iii)

Response activities and other measures that are employed to mitigate any potentially unacceptable exposures are described in the following sections.

3.3.1 DRINKING WATER PATHWAY

Although not presently or likely to be complete on or off-Site, the most recent notification of migration, as required by Rule 1017, has been provided in Appendix C.

3.3.2 GROUNDWATER VENTING TO SURFACE WATER PATHWAY

Concentrations of constituents in groundwater at PAOC 18 were found to exceed the criteria protective for acute impacts to aquatic resources (the FAV criteria). Various response activities to control the venting have been performed (DNAPL recovery, sheet pile wall installation). Further actions to reduce contaminant concentrations were designed and proposed to MDEQ. A short-term response action using an edible oil substrate (EOS™) was approved by the MDEQ and is being implemented (see Appendix D for the approval letter).

3.3.3 DERMAL & DIRECT CONTACT WITH SOIL AND GROUNDWATER PATHWAY

A Site-specific health and safety plan is in place and required to be followed for all remediation activity work at the Site. If any work is to be conducted that would break the asphalt or concrete barrier covering the Site at any location, additional measures

must be considered to protect workers and ENCORE should be contacted for assistance. This pathway is not applicable to Site personnel during daily activities because the entire Site is paved with the exception of Tyler Pond's banks. The banks of Tyler Pond are not accessible to Site personnel and the area is also covered by vegetation so dust issues are not relevant.

Holders of easement rights to portions of the property have been notified of Site conditions (see Appendix E for proof of notification).

3.3.4 VOLATILIZATION TO INDOOR AIR PATHWAY

Indoor air sampling was performed on July 6, 2006 to evaluate the potential for constituent (cis-1,2-DCE and TCE) volatilization and intrusion to indoor air. The sampling found constituents were present at concentrations below MIOSHA's acceptable exposure levels. Review of the results by industrial hygiene staff for GM concluded the conditions did not require further response action. Table 3.1 shows the calculation of Site-specific exposure criteria. Results from the study and comparison to applicable MIOSHA exposure levels are shown in Table 3.2.

3.3.5 AMBIENT AIR PATHWAY

Potential unacceptable exposure through this pathway are prevented by:

1.) The maintenance of structures over the accessible area of the Site;

2.) Prohibition of general access and maintenance of vegetative cover at the banks of Tyler Pond;

3.) Provisions of the Site remediation health and safety plan relative to the bank area and subsurface activities; and

4.) Notification to easement holders.

3.4 RECORDS OF RESPONSE ACTIVITIES – Rule 1003(d)(a)(iv)

Records of Site response activities in addition to those attached to this DCD are available through CRA's Plymouth office (734-453-5123).

3.5 COPIES OF REQUIRED NOTICES – RULE (5)(a)(v)

The most recent notice of migration, at the time this report was written, is available for review in Appendix C. Copies of the notifications of impacts to easement holders are provided in Appendix E.

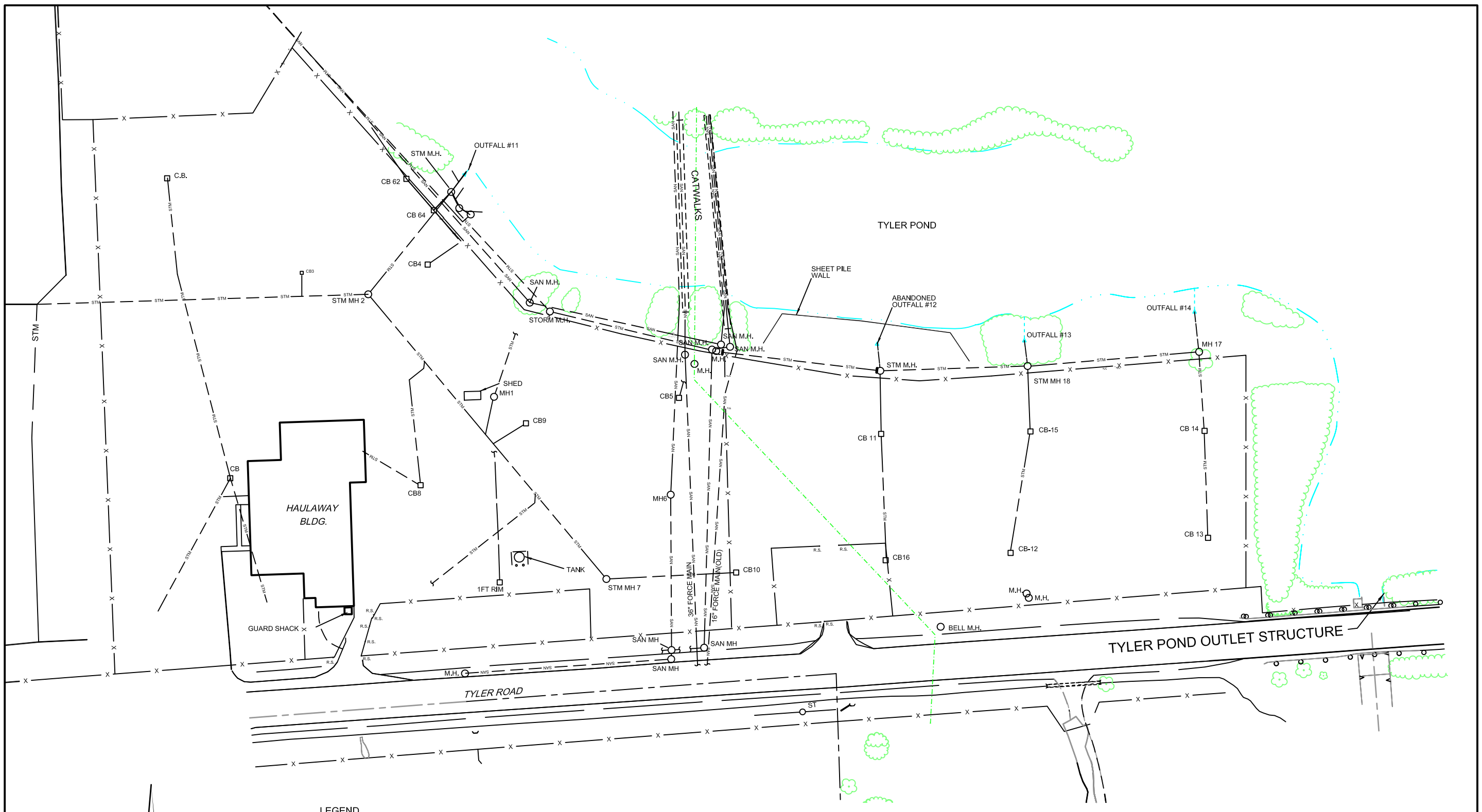

figure 2.1

CVO SITE LAYOUT
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS PROPERTY
Ypsilanti, Michigan

PAOC NO.	DESCRIPTION
18	OUTFALL 12 NAPL AREA
19	CVO PROPERTY GROUNDWATER
20	FORMER CAT SITE PLUME
21	*RESCINDED*
22	*RESCINDED*
23	1949 FILL AREA
24	1952 PITS
29	KAISER-FRAZER DUMP AREA

LEGEND

- DITCH, STREAM OR RIVER
- FENCE LINE
- TREE LINE
- SANITARY SEWER
- STORM SEWER
- FORMER SLUDGE LINE
- CB15 CATCH BASIN
- M.H. MANHOLE
- R.S. FENCE GATE POST
- PERMANENT SEWER PLUG
- PAOC BOUNDARY

SEWAGE DISPOSAL

PAOC 29

PAOC 24

PAOC 23

PAOC 20

PAOC 18

PAOC 19

OUTFALL #11

OUTFALL #12

OUTFALL #13

OUTFALL #14

ABANDONED

SHEET PILE WALL

CATWALKS

TYLER POND

HAULAWAY BLDG.

GUARD SHACK

SHED

TANK

BELL M.H.

TYLER POND OUTLET STRUCTURE

TYLER ROAD

STM M.H.

SAN M.H.

STORM MH1

STM MH 2

STM MH 7

STM MH 18

MH1

MH6

MH 17

CB 62

CB 64

CB4

CB9

CB8

CB10

CB16

CB 11

CB-15

CB-12

CB 14

CB 13

36" FORCE MAIN

16" FORCE MAIN (OLD)

1FT RIM

0 40 120ft

figure 2.2

PAOC LOCATIONS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS PROPERTY
Ypsilanti, Michigan

17303-05(004)GN-WI002 OCT 09/2007

TYLER POND

SHEET PILE WALL

ABANDONED OUTFALL #12

OUTFALL #13

N

0 10 30ft

TP18-02

TP18-01

TP-A39

TP-A60

TP-C

TP-A/TP18-04 & TP18-05

TP-N/TP18-03

TP-B/TP18-06

TP-F

TP-E

TP-C3

TRENCH 1

TRENCH 2

TP-D1 & TP-D2

TP-G

TP-H

TP-A36

U.P.

STM M.H.

STM MH 18

CB 11

CB-15

R.S.

LEGEND

SB18-90	SOIL BORINGS CONTAINING DNAPL
SB18-153	SOIL BORINGS AND TEST PITS CONTAINING DEBRIS
	DITCH, STREAM OR RIVER
x x	FENCE LINE
STM	STORM SEWER
CB15	CATCH BASIN
MH18	MANHOLE
R.S.	FENCE GATE POST
TP18-01	TEST AND TRENCH PIT LOCATIONS
	DNAPL DELINEATION
	BURIED REFUSE DELINEATION

figure 2.3

PAOC 18-DNAPL AND REFUSE DELINEATION
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS PROPERTY
Ypsilanti, Michigan

17303-05(004)GN-WI003 OCT 10/2007

TABLE - 2.1
PAOC 18 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*GS-5*	*GS-6*	*GS-8*	*IW-41*	*IW-44*	*IW-45*	*IW-46*	*IW-49*	*IW-55*	*MW-6*	*MW-12*	*MW18-03*	*MW18-06*	*MW18-06*	*MW18-06*
Depth																		*(11-11)*	*(12.5-12.5)*	*(14-14)*
Sample ID:						*WG-17303-060507-EV-004*	*WG-17303-060507-EV-005*	*WG-17303-060807-DR-032*	*WG-17303-060707-DR-031*	*WG-17303-060707-DR-026*	*WG-17303-060707-DR-029*	*WG-17303-060507-EV-006*	*GW-17303-092304-DCR-643*	*WG-17303-060707-EV-030*	*WG-17303-060507-DR-008*	*WG-17303-060507-EV-010*	*WG-17303-070706-EV-032*	*WG-17303-081005-DR-0862*	*WG-17303-081005-DR-0863*	*WG-17303-081005-DR-0864*
Sample Date:						*6/5/2007*	*6/5/2007*	*6/8/2007*	*6/7/2007*	*6/7/2007*	*6/7/2007*	*6/5/2007*	*9/23/2004*	*6/7/2007*	*6/5/2007*	*6/5/2007*	*7/7/2006*	*8/10/2005*	*8/10/2005*	*8/10/2005*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*	*e*															
VOCs																				
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	0.077		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	0.2	1.6	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	0.0085	1.8	0.25 UJ	0.17 UJ	3.3 UJ	1 U	2.5 U	0.83 U	0.33 UJ	0.05 U	0.05 U	0.017 UJ	0.0091 UJ	25 U	12 UJ	10 U	10 U
1,1,2-Trichloroethane	mg/L	21	0.012	0.005	5.6	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 UJ	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,1-Dichloroethane	mg/L	2400	0.74	0.88	13	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,1-Dichloroethene	mg/L	11	0.024	0.007	2.3	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	*0.012 J* [d]	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,2,3-Trichloropropane	mg/L	84		0.042		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	0.07	0.2	1.2 U	0.83 U	17 U	5 U	12 U	4.2 U	1.7 U	0.25 U	0.25 U	0.083 U	0.045 U	120 U	62 U	50 U	50 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	0.063	0.31	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	--	*0.028 J* [b]	0.017 U	0.0091 U	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/L	0.39		0.0002		0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,2-Dibromoethane	mg/L	0.025	0.00005	0.00005	0.28	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,2-Dichlorobenzene	mg/L	160	0.016	0.6	0.28	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,2-Dichloroethane	mg/L	19	0.006	0.005	15	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,2-Dichloropropane	mg/L	16	0.0091	0.005	4.0	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	0.072	0.81	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	--	**0.01 J**	0.017 U	0.0091 U	--	--	--	--
1,3-Dichlorobenzene	mg/L	2	0.038	0.0066	0.2	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	0.075	0.2	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
2-Butanone	mg/L	240000	2.2	13	40	6.2 U	4.2 U	83 U	25 U	62 U	21 U	8.3 UJ	1.2 U	1.2 U	0.42 U	0.23 U	620 U	310 U	250 U	250 U
2-Hexanone	mg/L	5200		1		12 U	8.3 U	170 UJ	50 U	120 UJ	42 U	17 UJ	2.5 U	2.5 U	0.83 U	0.45 U	1200 U	620 U	500 U	500 U
4-Methyl-2-Pentanone	mg/L	13000		1.8		12 U	8.3 U	170 UJ	50 UJ	120 UJ	42 UJ	17 UJ	2.5 U	2.5 UJ	0.83 UJ	0.45 UJ	1200 UJ	620 U	500 U	500 U
Acetone	mg/L	31000	1.7	0.73	30	6.2 U	4.2 U	83 U	25 U	62 U	21 U	8.3 U	1.2 U	1.2 U	0.42 U	0.23 U	620 U	310 U	250 U	250 U
Benzene	mg/L	11	0.012	0.005	1.8	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.052 U	0.05 U	*0.0089 J* [d]	0.0091 U	25 U	12 U	10 U	10 U
Bromodichloromethane	mg/L	14		0.08		0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Bromoform	mg/L	140		0.08		0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Bromomethane	mg/L	70	0.035	0.01	0.64	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 UJ	10 U	10 U
Carbon disulfide	mg/L	1200		0.8		1.2 U	0.83 U	17 U	5 U	12 U	4.2 U	1.7 U	0.25 U	0.25 U	0.083 U	0.045 U	120 UJ	62 U	50 U	50 U
Carbon tetrachloride	mg/L	4.6	0.0056	0.005	1.6	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Chlorobenzene	mg/L	86	0.047	0.1	0.85	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Chlorobromomethane	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/L	440		0.43	20	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Chloroform	mg/L	150	0.077	0.08	2.6	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Chloromethane	mg/L	490		0.26		0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
cis-1,2-Dichloroethene	mg/L	200	0.62	0.07	11	*3.3* [bd]	*4.8* [bd]	*110* [bde]	*36* [bde]	*87* [bde]	*30* [bde]	*9.5* [bd]	*0.32* [d]	*1.7* [bd]	*0.31* [d]	**0.035**	*500* [abde]	*390* [abde]	*360* [abde]	*360* [abde]
cis-1,3-Dichloropropene	mg/L					0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 UJ	12 U	10 U	10 U
Cyclohexane	mg/L					0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 UJ	12 U	10 U	10 U
Dibromochloromethane	mg/L	18		0.08		0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Dibromomethane	mg/L	530		0.08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		1.7		0.25 UJ	0.17 UJ	3.3 U	1 U	2.5 U	0.83 U	0.33 UJ	0.05 U	0.05 U	0.017 UJ	0.0091 UJ	25 UJ	12 U	10 U	10 U
Ethyl Ether	mg/L	35000		0.01		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.1
PAOC 18 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*GS-5*	*GS-6*	*GS-8*	*IW-41*	*IW-44*	*IW-45*	*IW-46*	*IW-49*	*IW-55*	*MW-6*	*MW-12*	*MW18-03*	*MW18-06*	*MW18-06*	*MW18-06*
Depth																		*(11-11)*	*(12.5-12.5)*	*(14-14)*
Sample ID:						*WG-17303-060507-EV-004*	*WG-17303-060507-EV-005*	*WG-17303-060807-DR-032*	*WG-17303-060707-DR-031*	*WG-17303-060707-DR-026*	*WG-17303-060707-DR-029*	*WG-17303-060507-EV-006*	*GW-17303-092304-DCR-643*	*WG-17303-060707-EV-030*	*WG-17303-060507-DR-008*	*WG-17303-060507-EV-010*	*WG-17303-070706-EV-032*	*WG-17303-081005-DR-0862*	*WG-17303-081005-DR-0863*	*WG-17303-081005-DR-0864*
Sample Date:						*6/5/2007*	*6/5/2007*	*6/8/2007*	*6/7/2007*	*6/7/2007*	*6/7/2007*	*6/5/2007*	*9/23/2004*	*6/7/2007*	*6/5/2007*	*6/5/2007*	*7/7/2006*	*8/10/2005*	*8/10/2005*	*8/10/2005*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*	*e*															
Ethylbenzene	mg/L	170	0.018	0.074	0.32	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	*0.032 J* [b]	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Iodomethane	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/L	56		0.8		1.2 U	0.83 U	17 U	5 U	12 U	4.2 U	1.7 U	0.25 U	0.25 U	0.083 U	0.045 U	120 U	62 U	50 U	50 U
Methyl acetate	mg/L					2.5 UJ	1.7 UJ	33 U	10 UJ	25 UJ	8.3 UJ	3.3 UJ	0.5 U	0.5 UJ	0.17 UJ	0.091 UJ	250 U	120 U	100 U	100 U
Methyl cyclohexane	mg/L					0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 UJ	12 U	10 U	10 U
Methyl Tert Butyl Ether	mg/L	610	0.1	0.04	13	1.2 U	0.83 U	17 U	5 U	12 U	4.2 U	1.7 U	0.25 U	0.25 U	0.083 U	0.045 U	120 UJ	62 U	50 U	50 U
Methylene chloride	mg/L	220	0.047	0.005	17	1.2 U	0.83 U	17 U	5 U	12 U	4.2 U	1.7 U	0.25 U	0.25 U	0.083 U	0.045 U	120 U	62 U	50 UJ	50 UJ
m-xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	31	0.013	0.52	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/L	15		0.08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/L	9.7	0.08	0.1	2.9	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Tetrachloroethene	mg/L	12	0.011	0.005	0.71	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Toluene	mg/L	530	0.14	0.79	1.7	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	*0.15* [b]	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
trans-1,2-Dichloroethene	mg/L	220	1.5	0.1	28	0.25 U	*0.25* [d]	3.3 U	*0.19 J* [d]	*0.77 J* [d]	*0.31 J* [d]	*0.15 J* [d]	**0.013 J**	0.05 U	**0.014 J**	0.0091 U	25 U	12 U	10 U	10 U
trans-1,3-Dichloropropene	mg/L					0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 UJ	12 U	10 U	10 U
trans-1,4-Dichloro-2-butene	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	0.005	3.5	0.25 U	0.17 U	*6.5* [bde]	*10* [bde]	*1.8 J* [bd]	*16* [bde]	0.33 U	*1.3* [bd]	*0.38* [bd]	*0.024* [d]	*0.36* [bd]	*260* [abde]	*4.9 J* [bde]	10 U	10 U
Trichlorofluoromethane	mg/L	1100		2.6		0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Trifluorotrichloroethane	mg/L	170	0.032	170	0.57	0.25 U	0.17 U	3.3 U	1 U	2.5 U	0.83 U	0.33 U	0.05 U	0.05 U	0.017 U	0.0091 U	25 U	12 U	10 U	10 U
Vinyl chloride	mg/L	1	0.015	0.002	17	*7.5* [abd]	*1.8* [abd]	*11* [abd]	*5.1* [abd]	*18* [abde]	*2* [abd]	*9.1 J* [abd]	*0.034 J* [bd]	*0.39* [bd]	*0.65* [bd]	0.0091 U	*52* [abde]	*50* [abde]	*45* [abde]	*42* [abde]
Xylene (total)	mg/L	190	0.035	0.28	0.63	0.5 U	0.33 U	6.7 U	2 U	5 U	1.7 U	0.67 U	*0.14* [b]	0.1 U	0.033 U	0.018 U	50 U	25 U	20 U	20 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.1
PAOC 18 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*MW18-06*	*MW18-07*	*MW-18-45*	*MW-18-45*	*MW19-19*	*PZ18-131*	*PZ18-133*	*PZ18-195*	*SB18-204*
Depth						*(15.5-15.5)*								*(15-15)*
Sample ID:						*WG-17303-081005-DR-0865*	*WG-17303-060507-EV-009*	*WG-17303-060707-DR-027*	*WG-17303-060707-DR-028*	*GW-17303-120303-DCR-272*	*WG-17303-062205-DR-0808*	*WG-17303-121405-AB-0920*	*WG-17303-121405-NR-0917*	*WG-17303-060605-DR-0742*
Sample Date:						*8/10/2005*	*6/5/2007*	*6/7/2007*	*6/7/2007*	*12/3/2003*	*6/22/2005*	*12/14/2005*	*12/14/2005*	*6/6/2005*
Sample Type:									*Duplicate*					
Parameter:	*Units*	*a*	*b*	*d*	*e*									
VOCs														
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	0.077		--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	0.2	1.6	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	0.0085	1.8	10 U	0.008 UJ	3.3 UJ	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,1,2-Trichloroethane	mg/L	21	0.012	0.005	5.6	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,1-Dichloroethane	mg/L	2400	0.74	0.88	13	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,1-Dichloroethene	mg/L	11	0.024	0.007	2.3	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,2,3-Trichloropropane	mg/L	84		0.042		--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	0.07	0.2	50 U	0.04 U	17 U	17 U	0.62 U	0.025 U	0.005 U	0.63 U	1 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	0.063	0.31	--	0.008 U	3.3 U	3.3 U	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/L	0.39		0.0002		10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,2-Dibromoethane	mg/L	0.025	0.00005	0.00005	0.28	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,2-Dichlorobenzene	mg/L	160	0.016	0.6	0.28	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,2-Dichloroethane	mg/L	19	0.006	0.005	15	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,2-Dichloropropane	mg/L	16	0.0091	0.005	4.0	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	0.072	0.81	--	0.008 U	3.3 U	3.3 U	--	--	--	--	--
1,3-Dichlorobenzene	mg/L	2	0.038	0.0066	0.2	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	0.075	0.2	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
2-Butanone	mg/L	240000	2.2	13	40	250 U	0.2 U	83 U	83 U	3.1 U	0.12 U	0.025 U	3.1 U	5 U
2-Hexanone	mg/L	5200		1		500 U	0.4 U	170 U	170 U	6.2 U	0.25 U	0.05 U	6.3 U	10 U
4-Methyl-2-Pentanone	mg/L	13000		1.8		500 U	0.4 U	170 UJ	170 UJ	6.2 U	0.25 UJ	0.05 U	6.3 U	10 U
Acetone	mg/L	31000	1.7	0.73	30	250 U	0.2 U	83 U	83 U	3.1 U	R	0.025 U	3.1 U	5 U
Benzene	mg/L	11	0.012	0.005	1.8	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Bromodichloromethane	mg/L	14		0.08		10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Bromoform	mg/L	140		0.08		10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Bromomethane	mg/L	70	0.035	0.01	0.64	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Carbon disulfide	mg/L	1200		0.8		50 U	0.04 U	17 U	17 U	0.62 U	0.025 U	0.005 U	0.63 U	1 U
Carbon tetrachloride	mg/L	4.6	0.0056	0.005	1.6	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Chlorobenzene	mg/L	86	0.047	0.1	0.85	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Chlorobromomethane	mg/L					--	--	--	--	--	--	--	--	--
Chloroethane	mg/L	440		0.43	20	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Chloroform	mg/L	150	0.077	0.08	2.6	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Chloromethane	mg/L	490		0.26		10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
cis-1,2-Dichloroethene	mg/L	200	0.62	0.07	11	*360* [abde]	*0.22* [d]	*110* [bde]	*110* [bde]	*2.8* [bd]	*0.13* [d]	**0.0046**	*1.6* [bd]	*2.9* [bd]
cis-1,3-Dichloropropene	mg/L					10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Cyclohexane	mg/L					10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Dibromochloromethane	mg/L	18		0.08		10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Dibromomethane	mg/L	530		0.08		--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		1.7		10 U	0.008 UJ	3.3 U	3.3 U	0.12 U	0.005 UJ	0.001 U	0.13 U	0.2 U
Ethyl Ether	mg/L	35000		0.01		--	--	--	--	--	--	--	--	--

TABLE - 2.1
PAOC 18 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*MW18-06*	*MW18-07*	*MW-18-45*	*MW-18-45*	*MW19-19*	*PZ18-131*	*PZ18-133*	*PZ18-195*	*SB18-204*
Depth						*(15.5-15.5)*								*(15-15)*
Sample ID:						*WG-17303-081005-DR-0865*	*WG-17303-060507-EV-009*	*WG-17303-060707-DR-027*	*WG-17303-060707-DR-028*	*GW-17303-120303-DCR-272*	*WG-17303-062205-DR-0808*	*WG-17303-121405-AB-0920*	*WG-17303-121405-NR-0917*	*WG-17303-060605-DR-0742*
Sample Date:						*8/10/2005*	*6/5/2007*	*6/7/2007*	*6/7/2007*	*12/3/2003*	*6/22/2005*	*12/14/2005*	*12/14/2005*	*6/6/2005*
Sample Type:									*Duplicate*					
Parameter:	*Units*	*a*	*b*	*d*	*e*									
Ethylbenzene	mg/L	170	0.018	0.074	0.32	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Iodomethane	mg/L					--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/L	56		0.8		50 U	0.04 U	17 U	17 U	0.62 U	0.025 U	0.005 U	0.63 U	1 U
Methyl acetate	mg/L					100 U	0.08 UJ	33 UJ	33 UJ	1.2 U	0.05 U	0.01 U	1.3 U	2 U
Methyl cyclohexane	mg/L					10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Methyl Tert Butyl Ether	mg/L	610	0.1	0.04	13	50 U	0.04 U	17 U	17 U	0.62 U	0.025 U	0.005 U	0.63 U	1 U
Methylene chloride	mg/L	220	0.047	0.005	17	50 UJ	0.04 U	17 U	17 U	0.62 U	0.025 U	0.005 U	0.63 U	1 U
m-xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	0.002 U	0.25 U	--
Naphthalene	mg/L	31	0.013	0.52	0.2	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/L	15		0.08		--	--	--	--	--	--	--	--	--
o-Xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	0.001 U	0.13 U	--
Styrene	mg/L	9.7	0.08	0.1	2.9	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Tetrachloroethene	mg/L	12	0.011	0.005	0.71	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Toluene	mg/L	530	0.14	0.79	1.7	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
trans-1,2-Dichloroethene	mg/L	220	1.5	0.1	28	10 U	*0.12* [d]	*0.85 J* [d]	*0.65 J* [d]	**0.079 J**	**0.087**	**0.0003 J**	**0.019 J**	**0.039 J**
trans-1,3-Dichloropropene	mg/L					10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
trans-1,4-Dichloro-2-butene	mg/L					--	--	--	--	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	0.005	3.5	10 U	*0.023* [d]	*4.9* [bde]	*4.8* [bde]	*0.62* [bd]	0.0075 U	*0.0095* [d]	0.13 U	*4.3* [bde]
Trichlorofluoromethane	mg/L	1100		2.6		10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Trifluorotrichloroethane	mg/L	170	0.032	170	0.57	10 U	0.008 U	3.3 U	3.3 U	0.12 U	0.005 U	0.001 U	0.13 U	0.2 U
Vinyl chloride	mg/L	1	0.015	0.002	17	*42* [abde]	*0.075* [bd]	*16* [abd]	*15* [abd]	*3.8* [abd]	*0.14* [bd]	0.001 U	0.13 U	0.2 U
Xylene (total)	mg/L	190	0.035	0.28	0.63	20 U	0.016 U	6.7 U	6.7 U	0.25 U	0.01 U	0.003 U	0.38 U	0.4 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.2
PAOC 18 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*B-7*	*B-11*	*GS-6*	*MW18-01*	*MW18-01*	*MW18-02*	*MW18-02*	*MW19-17*	*MW19-17*	*MW19-18*	*MW19-18*	*PZ18-73*	*PZ18-73*	*SB18-65*	*SB18-65*	*SB18-66*	*SB18-66*
Sample Depth:							*(2.5-3)*	*(0-2)*	*(3-5)*	*(0-2)*	*(3-5)*	*(0-2)*	*(8-10)*	*(0-2)*	*(7.5-9.5)*	*(0-2)*	*(5-7)*	*(0-2)*	*(9-11)*	*(0-2)*	*(8-10)*
Sample ID:					*S-17303-040903-DCR-186*	*S-17303-040903-DCR-187*	*SO-17303-052405-DR-0701*	*S-17303-051704-DCR-317*	*S-17303-051704-DCR-318*	*S-17303-051704-DCR-315*	*S-17303-051704-DCR-316*	*S-17303-111103-DD-203*	*S-17303-111103-DD-204*	*S-17303-111103-DD-200*	*S-17303-111103-DD-201*	*S-17303-052404-DCR-344*	*S-17303-052404-DCR-345*	*S-17303-051904-DCR-339*	*S-17303-051904-DCR-340*	*S-17303-051904-DCR-337*	*S-17303-051904-DCR-338*
Sample Date:					*4/9/2003*	*4/9/2003*	*5/24/2005*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*
Sample Type:																					
Parameter:	*Units*	*a*	*b*	*d*																	
VOCs																					
1,1,1,2-Tetrachloroethane	mg/kg	440		1.5	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	4	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	0.17	0.13 U	0.13 U	4.5 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
1,1,2-Trichloroethane	mg/kg	420	6.6	0.1	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
1,1-Dichloroethane	mg/kg	890	15	18	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
1,1-Dichloroethene	mg/kg	220	1.3	0.14	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
1,2,3-Trichloropropane	mg/kg	830		0.84	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	4.2	0.33 U	**0.77**	22 U	**0.12 J**	0.23 U	**0.11 J**	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	2.1	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		0.01	0.33 U	0.33 U	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
1,2-Dibromoethane	mg/kg	0.5	0.02	0.02	--	--	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
1,2-Dichlorobenzene	mg/kg	210	0.36	14	0.13 U	0.13 U	9 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
1,2-Dichloroethane	mg/kg	380	7.2	0.1	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
1,2-Dichloroethene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	0.1	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	1.8	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1	0.17	0.13 U	0.13 U	9 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
1,3-Dichloropropene	mg/kg	110		0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	1.7	0.13 U	0.13 U	9 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
1-Chloro-2,3-epoxypropane	mg/kg	220		0.1	1.6 U	1.6 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	260	0.98 U	0.98 U	67 U	0.76 U	0.7 U	0.87 U	0.76 U	0.67 UJ	11 U	0.65 U	2.3 U	0.85 U	3 U	4.6 U	7.2 U	0.77 U	7.5 U
2-Hexanone	mg/kg	2500		20	3.3 U	3.3 U	220 U	2.5 U	2.3 U	2.9 U	2.5 U	2.2 UJ	38 U	2.2 U	7.7 U	2.8 U	10 U	15 U	24 U	2.6 U	25 U
2-Nitropropane	mg/kg				1.3 U	1.3 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		36	3.3 U	3.3 U	220 U	2.5 U	2.3 U	2.9 U	2.5 U	2.2 UJ	38 U	2.2 U	7.7 U	2.8 U	10 U	15 U	24 U	2.6 U	25 U
Acetone	mg/kg	110000	34	15	--	--	67 U	0.76 U	0.7 U	0.87 U	0.76 U	0.67 UJ	11 U	**0.15 J**	2.3 U	0.85 U	3 U	4.6 U	7.2 U	0.77 U	7.5 U
alpha-methylstyrene	mg/kg				0 U	0 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	0.1	--	--	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	*0.25 J* [d]
Bromobenzene	mg/kg	360		0.55	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		1.6	0.13 U	0.13 U	9 UJ	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
Bromoform	mg/kg	870		1.6	0.13 U	0.13 U	9 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
Bromomethane	mg/kg	1400	0.7	0.2	0.33 U	0.33 U	18 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
Carbon disulfide	mg/kg	280		16	0.33 U	0.33 U	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
Carbon tetrachloride	mg/kg	92	0.9	0.1	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Chlorobenzene	mg/kg	260	0.94	2	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Chlorobromomethane	mg/kg				0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		8.6	0.33 U	0.33 U	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
Chloroform	mg/kg	1500	3.4	1.6	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Chloromethane	mg/kg	1100		5.2	0.33 U	0.33 U	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
cis-1,2-Dichloroethene	mg/kg	640	12	1.4	*35* [bd]	*34* [bd]	4.5 U	**0.067**	**0.15**	0.058 U	0.05 U	0.045 UJ	*6.2* [d]	0.044 U	**0.29**	0.057 U	*6* [d]	**0.19 J**	**0.6**	**0.027 J**	0.5 U
cis-1,3-Dichloropropene	mg/kg				--	--	4.5 UJ	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Cyclohexane	mg/kg				--	--	**14 J**	1.2 U	1.1 U	1.4 U	1.2 U	1.1 UJ	18 U	1 U	3.7 U	1.4 U	4.9 U	7.4 U	12 U	1.2 U	**8.2 J**
Cyclohexanone	mg/kg	220000		5200	33 U	33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg				0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		1.6	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Dibromomethane	mg/kg	2000		1.6	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		95	--	--	9 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
Ethyl Ether	mg/kg	7400		0.2	1.3 U	1.3 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.2
PAOC 18 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*B-7*	*B-11*	*GS-6*	*MW18-01*	*MW18-01*	*MW18-02*	*MW18-02*	*MW19-17*	*MW19-17*	*MW19-18*	*MW19-18*	*PZ18-73*	*PZ18-73*	*SB18-65*	*SB18-65*	*SB18-66*	*SB18-66*
Sample Depth:							*(2.5-3)*	*(0-2)*	*(3-5)*	*(0-2)*	*(3-5)*	*(0-2)*	*(8-10)*	*(0-2)*	*(7.5-9.5)*	*(0-2)*	*(5-7)*	*(0-2)*	*(9-11)*	*(0-2)*	*(8-10)*
Sample ID:					*S-17303-040903-DCR-186*	*S-17303-040903-DCR-187*	*SO-17303-052405-DR-0701*	*S-17303-051704-DCR-317*	*S-17303-051704-DCR-318*	*S-17303-051704-DCR-315*	*S-17303-051704-DCR-316*	*S-17303-111103-DD-203*	*S-17303-111103-DD-204*	*S-17303-111103-DD-200*	*S-17303-111103-DD-201*	*S-17303-052404-DCR-344*	*S-17303-052404-DCR-345*	*S-17303-051904-DCR-339*	*S-17303-051904-DCR-340*	*S-17303-051904-DCR-337*	*S-17303-051904-DCR-338*
Sample Date:					*4/9/2003*	*4/9/2003*	*5/24/2005*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*
Sample Type:																					
Parameter:	*Units*	*a*	*b*	*d*																	
Ethylbenzene	mg/kg	140	0.36	1.5	0.065 U	**0.26**	*76* [bd]	0.05 U	0.047 U	0.058 U	0.05 U	**0.013 J**	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	*18* [bd]
Iodomethane	mg/kg				0.65 U	0.65 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		91	0.33 U	0.33 U	**44**	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	**13**
Methyl acetate	mg/kg				--	--	110 U	1.2 U	1.1 U	1.4 U	1.2 U	**0.066 J**	18 U	**0.059 J**	3.7 U	**0.11 J**	4.9 U	7.4 U	12 U	1.2 U	12 U
Methyl cyclohexane	mg/kg				--	--	**61 J**	1.2 U	1.1 U	1.4 U	1.2 U	1.1 UJ	18 U	1 U	3.7 U	1.4 U	4.9 U	7.4 U	12 U	1.2 U	**24**
Methyl Tert Butyl Ether	mg/kg	5900	15	0.8	--	--	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
Methylene chloride	mg/kg	2300	19	0.1	0.33 U	0.33 U	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	*0.36 J* [d]	*0.6 J* [d]	0.26 U	2.5 U
Naphthalene	mg/kg	2100	0.87	35	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300		1.6	0.33 U	0.33 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	2.7	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Tetrachloroethene	mg/kg	88	0.9	0.1	0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
Toluene	mg/kg	250	2.8	16	**0.48**	**0.18**	*49* [bd]	0.1 U	0.094 U	0.12 U	0.1 U	**0.027 J**	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	**1.4**
trans-1,2-Dichloroethene	mg/kg	1400	30	2	0.33 U	0.33 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
trans-1,3-Dichloropropene	mg/kg				0.065 U	0.065 U	4.5 U	0.05 U	0.047 U	0.058 U	0.05 U	0.045 UJ	0.76 U	0.044 U	0.15 U	0.057 U	0.2 U	0.31 U	0.48 U	0.051 U	0.5 U
trans-1,4-Dichloro-2-butene	mg/kg				6.5 U	6.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	0.1	*0.13* [d]	0.065 U	4.5 U	*0.39* [d]	*0.51* [d]	**0.076**	*0.22* [d]	*1.6 J* [d]	*22* [bd]	*1.3* [d]	*4.2* [bd]	*0.18* [d]	*1.8* [d]	*11* [bd]	*19* [bd]	*0.24* [d]	*0.24 J* [d]
Trichlorofluoromethane	mg/kg	560		52	--	--	9 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	1 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	--	--	22 U	0.25 U	0.23 U	0.29 U	0.25 U	0.22 UJ	3.8 U	0.22 U	0.77 U	0.28 U	1 U	1.5 U	2.4 U	0.26 U	2.5 U
Vinyl chloride	mg/kg	20	0.3	0.04	*0.89* [bd]	*0.51* [bd]	3.6 U	0.1 U	0.094 U	0.12 U	0.1 U	0.089 UJ	1.5 U	0.087 U	0.31 U	0.11 U	0.41 U	0.62 U	0.96 U	0.1 U	*0.85 J* [bd]
Xylene (total)	mg/kg	150	0.7	5.6	0.2 U	*1.02* [b]	*400* [abd]	**0.055 J**	0.47 U	0.58 U	0.5 U	**0.088 J**	7.6 U	0.44 U	1.5 U	0.57 U	2 U	3.1 U	4.8 U	0.51 U	*16* [bd]

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.2
PAOC 18 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-67*	*SB18-67*	*SB18-68*	*SB18-68*	*SB18-69*	*SB18-69*	*SB18-70*	*SB18-70*	*SB18-70*	*SB18-71*	*SB18-72*	*SB18-72*	*SB18-74*	*SB18-75*	*SB18-75*	*SB18-76*	*SB18-76*
Sample Depth:					*(0-2)*	*(6-8)*	*(0-2)*	*(9-11)*	*(0-2)*	*(4-6)*	*(0-2)*	*(5-6)*	*(10-12)*	*(0-2)*	*(0-2)*	*(2-4)*	*(0-2)*	*(0-2)*	*(4-5)*	*(0-2)*	*(10-12)*
Sample ID:					*S-17303-051904-DCR-335*	*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-330*	*S-17303-051904-DCR-329*	*S-17303-052404-DCR-348*	*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*
Sample Date:					*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*
Sample Type:																					
Parameter:	*Units*	*a*	*b*	*d*																	
VOCs																					
1,1,1,2-Tetrachloroethane	mg/kg	440		1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	4	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	0.17	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
1,1,2-Trichloroethane	mg/kg	420	6.6	0.1	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
1,1-Dichloroethane	mg/kg	890	15	18	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
1,1-Dichloroethene	mg/kg	220	1.3	0.14	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
1,2,3-Trichloropropane	mg/kg	830		0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	4.2	0.26 U	0.3 U	0.26 U	110 U	**0.029 J**	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		0.01	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
1,2-Dibromoethane	mg/kg	0.5	0.02	0.02	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
1,2-Dichlorobenzene	mg/kg	210	0.36	14	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
1,2-Dichloroethane	mg/kg	380	7.2	0.1	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	*190 J* [bd]	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
1,2-Dichloroethene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	0.1	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1	0.17	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
1,3-Dichloropropene	mg/kg	110		0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	1.7	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
1-Chloro-2,3-epoxypropane	mg/kg	220		0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	260	0.79 U	0.89 U	0.79 U	330 U	0.73 U	0.78 U	2.9 U	7700 U	17 U	3.1 U	0.84 U	2.5 UJ	41 U	67 U	0.72 U	0.75 U	0.84 U
2-Hexanone	mg/kg	2500		20	2.6 U	3 U	2.6 U	1100 U	2.4 U	2.6 U	9.7 U	26000 U	56 U	10 U	2.8 U	8.5 UJ	140 U	220 U	2.4 U	2.5 U	2.8 U
2-Nitropropane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		36	2.6 U	3 U	2.6 U	1100 U	2.4 U	2.6 U	9.7 U	26000 U	56 U	10 U	2.8 U	8.5 UJ	140 U	220 U	2.4 U	2.5 U	2.8 U
Acetone	mg/kg	110000	34	15	0.79 U	0.89 U	0.79 U	330 U	0.73 U	0.78 U	2.9 U	7700 U	17 U	3.1 U	0.84 U	2.5 UJ	41 U	67 U	0.72 U	0.75 U	0.84 U
alpha-methylstyrene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	0.1	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	**0.018 J**	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Bromobenzene	mg/kg	360		0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		1.6	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
Bromoform	mg/kg	870		1.6	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
Bromomethane	mg/kg	1400	0.7	0.2	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
Carbon disulfide	mg/kg	280		16	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
Carbon tetrachloride	mg/kg	92	0.9	0.1	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Chlorobenzene	mg/kg	260	0.94	2	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Chlorobromomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		8.6	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
Chloroform	mg/kg	1500	3.4	1.6	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Chloromethane	mg/kg	1100		5.2	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
cis-1,2-Dichloroethene	mg/kg	640	12	1.4	**0.03 J**	**0.057 J**	**0.32**	*660* [abd]	0.049 U	0.052 U	0.19 U	*350 J* [bd]	*34* [bd]	*5.6* [d]	**0.11**	0.17 UJ	*72* [bd]	*140* [bd]	**0.71**	0.05 U	**0.029 J**
cis-1,3-Dichloropropene	mg/kg				0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Cyclohexane	mg/kg				1.3 U	1.4 U	1.3 U	530 U	1.2 U	1.3 U	**0.13 J**	12000 U	27 U	4.9 U	**0.037 J**	4.1 UJ	66 U	110 U	1.2 U	1.2 U	1.3 U
Cyclohexanone	mg/kg	220000		5200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		1.6	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Dibromomethane	mg/kg	2000		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		95	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
Ethyl Ether	mg/kg	7400		0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.2
PAOC 18 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-67*	*SB18-67*	*SB18-68*	*SB18-68*	*SB18-69*	*SB18-69*	*SB18-70*	*SB18-70*	*SB18-70*	*SB18-71*	*SB18-72*	*SB18-72*	*SB18-74*	*SB18-75*	*SB18-75*	*SB18-76*	*SB18-76*
Sample Depth:					*(0-2)*	*(6-8)*	*(0-2)*	*(9-11)*	*(0-2)*	*(4-6)*	*(0-2)*	*(5-6)*	*(10-12)*	*(0-2)*	*(0-2)*	*(2-4)*	*(0-2)*	*(0-2)*	*(4-5)*	*(0-2)*	*(10-12)*
Sample ID:					*S-17303-051904-DCR-335*	*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-330*	*S-17303-051904-DCR-329*	*S-17303-052404-DCR-348*	*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*
Sample Date:					*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*
Sample Type:																					
Parameter:	*Units*	*a*	*b*	*d*																	
Ethylbenzene	mg/kg	140	0.36	1.5	0.052 U	0.059 U	0.053 U	***21 J*** [bd]	0.049 U	0.052 U	***5.4*** [bd]	***330 J*** [abd]	1.1 U	0.2 U	**0.13**	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Iodomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		91	0.26 U	0.3 U	0.26 U	**10 J**	0.24 U	0.26 U	**1.5**	2600 U	5.6 U	1 U	**0.075 J**	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
Methyl acetate	mg/kg				1.3 U	1.4 U	1.3 U	530 U	1.2 U	1.3 U	4.6 U	12000 U	27 U	4.9 U	**0.15 J**	4.1 UJ	66 U	110 U	**0.058 J**	1.2 U	1.3 U
Methyl cyclohexane	mg/kg				1.3 U	1.4 U	1.3 U	530 U	1.2 U	1.3 U	**1.5 J**	12000 U	27 U	4.9 U	**0.028 J**	4.1 UJ	66 U	110 U	1.2 U	1.2 U	1.3 U
Methyl Tert Butyl Ether	mg/kg	5900	15	0.8	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	14 U	22 U	0.24 U	0.25 U	0.28 U
Methylene chloride	mg/kg	2300	19	0.1	**0.074 J**	**0.075 J**	0.26 U	***30 J*** [bd]	0.24 U	0.26 U	***0.27 J*** [d]	***760 J*** [bd]	***1.5 J*** [d]	1 U	0.28 U	0.85 UJ	***3.4 J*** [d]	***5.6 J*** [d]	**0.054 J**	0.25 U	0.28 U
Naphthalene	mg/kg	2100	0.87	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	2.7	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Tetrachloroethene	mg/kg	88	0.9	0.1	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
Toluene	mg/kg	250	2.8	16	0.1 U	0.12 U	0.11 U	***9.3 J*** [b]	0.098 U	0.1 U	**0.078 J**	***320 J*** [abd]	2.2 U	0.41 U	**0.025 J**	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
trans-1,2-Dichloroethene	mg/kg	1400	30	2	0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	**0.53**	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
trans-1,3-Dichloropropene	mg/kg				0.052 U	0.059 U	0.053 U	22 U	0.049 U	0.052 U	0.19 U	510 U	1.1 U	0.2 U	0.056 U	0.17 UJ	2.7 U	4.5 U	0.048 U	0.05 U	0.056 U
trans-1,4-Dichloro-2-butene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	0.1	***0.44*** [d]	***1.3*** [d]	***1.6*** [d]	***460*** [abd]	**0.058**	**0.064**	0.19 U	***12000*** [abd]	***28*** [bd]	***1.1*** [d]	0.056 U	0.17 UJ	2.7 U	***10*** [bd]	0.048 U	**0.064**	***0.6*** [d]
Trichlorofluoromethane	mg/kg	560		52	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	0.34 UJ	5.5 U	9 U	0.096 U	0.1 U	0.11 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	0.26 U	0.3 U	0.26 U	110 U	0.24 U	0.26 U	0.97 U	2600 U	5.6 U	1 U	0.28 U	0.85 UJ	22 U	0.24 U	0.25 U	0.28 U	
Vinyl chloride	mg/kg	20	0.3	0.04	0.1 U	0.12 U	0.11 U	44 U	0.098 U	0.1 U	0.39 U	1000 U	2.2 U	0.41 U	0.11 U	***4.1 J*** [bd]	***4.5 J*** [bd]	9 U	***1.4*** [bd]	0.1 U	0.11 U
Xylene (total)	mg/kg	150	0.7	5.6	0.52 U	0.59 U	0.53 U	***140 J*** [bd]	0.49 U	0.52 U	***13*** [bd]	***2100 J*** [abd]	11 U	2 U	**0.51 J**	1.7 UJ	27 U	45 U	0.48 U	0.5 U	0.56 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.2
PAOC 18 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-77*	*SB18-77*	*SB18-200*	*SB18-201*	*SB18-201*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-205*	*SB19-12*	*SB19-12*	*SB19-13*	*SB19-13*	*SB19-16*	*SB19-16*
Sample Depth:					*(0-2)*	*(9-10)*	*(17-18)*	*(8.5-9.5)*	*(17-18)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(18-19)*	*(3-5)*	*(7-9)*	*(0-2)*	*(8-10)*	*(0-2)*	*(4-6)*
Sample ID:					*S-17303-052404-DCR-351*	*S-17303-052404-DCR-352*	*SO-17303-060605-DR-0746*	*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*	*S-17303-112103-DD-239*	*S-17303-112103-DD-240*	*S-17303-112103-DD-236*	*S-17303-112103-DD-238*	*S-17303-111403-DD-213*	*S-17303-111403-DD-214*
Sample Date:					*5/24/2004*	*5/24/2004*	*6/6/2005*	*6/6/2005*	*6/6/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/6/2005*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/14/2003*	*11/14/2003*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
VOCs																				
1,1,1,2-Tetrachloroethane	mg/kg	440		1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	4	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	0.17	0.1 U	0.75 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
1,1,2-Trichloroethane	mg/kg	420	6.6	0.1	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
1,1-Dichloroethane	mg/kg	890	15	18	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
1,1-Dichloroethene	mg/kg	220	1.3	0.14	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
1,2,3-Trichloropropane	mg/kg	830		0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	4.2	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	*7.2 J* [bd]	*3.1 J* [b]	0.95 U	7500 U	0.32 U	0.85 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		0.01	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
1,2-Dibromoethane	mg/kg	0.5	0.02	0.02	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
1,2-Dichlorobenzene	mg/kg	210	0.36	14	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
1,2-Dichloroethane	mg/kg	380	7.2	0.1	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
1,2-Dichloroethene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	0.1	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1	0.17	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
1,3-Dichloropropene	mg/kg	110		0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	1.7	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
1-Chloro-2,3-epoxypropane	mg/kg	220		0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	260	0.77 U	5.7 U	0.68 U	6.4 U	0.72 U	0.56 U	0.6 U	12 U	1.2 U	0.68 U	36 U	73 U	2.9 U	22000 U	0.95 U	2.5 U
2-Hexanone	mg/kg	2500		20	2.6 U	19 U	2.3 U	21 U	2.4 U	1.9 U	2 U	40 U	4 U	2.3 U	120 U	240 U	9.5 U	75000 U	3.2 U	8.5 U
2-Nitropropane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		36	2.6 U	19 U	2.3 U	21 U	2.4 U	1.9 U	2 U	40 U	4 U	2.3 U	120 U	240 U	9.5 U	75000 U	3.2 U	8.5 U
Acetone	mg/kg	110000	34	15	0.77 U	5.7 U	0.68 U	6.4 U	0.72 U	0.56 U	0.6 U	12 U	1.2 U	0.68 U	36 U	73 U	2.9 U	22000 U	0.95 U	2.5 U
alpha-methylstyrene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	0.1	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	**0.081 J**	1500 U	0.063 U	0.17 U
Bromobenzene	mg/kg	360		0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		1.6	0.1 U	0.75 U	0.091 UJ	0.86 UJ	0.097 UJ	0.074 U	0.08 U	1.6 U	0.16 U	0.09 UJ	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
Bromoform	mg/kg	870		1.6	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
Bromomethane	mg/kg	1400	0.7	0.2	0.26 U	1.9 U	0.18 U	1.7 U	0.19 U	0.15 U	0.16 U	3.2 U	0.32 U	0.18 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
Carbon disulfide	mg/kg	280		16	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
Carbon tetrachloride	mg/kg	92	0.9	0.1	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Chlorobenzene	mg/kg	260	0.94	2	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Chlorobromomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		8.6	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
Chloroform	mg/kg	1500	3.4	1.6	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Chloromethane	mg/kg	1100		5.2	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
cis-1,2-Dichloroethene	mg/kg	640	12	1.4	**0.035 J**	**1.1**	**0.017 J**	*6.8* [d]	0.048 U	**0.061**	**0.061**	*25* [bd]	*1.6* [d]	0.045 U	*89* [bd]	*100* [bd]	*5.5* [d]	*1400 J* [abd]	0.063 U	*5* [d]
cis-1,3-Dichloropropene	mg/kg				0.051 U	0.38 U	0.046 UJ	0.43 UJ	0.048 UJ	0.037 U	0.04 U	0.8 U	0.08 U	0.045 UJ	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Cyclohexane	mg/kg				1.2 U	9 U	1.1 U	10 U	1.2 U	0.89 U	0.96 U	**0.58 J**	1.9 U	1.1 U	58 U	120 U	4.6 U	36000 U	1.5 U	4.1 U
Cyclohexanone	mg/kg	220000		5200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		1.6	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Dibromomethane	mg/kg	2000		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		95	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
Ethyl Ether	mg/kg	7400		0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.2
PAOC 18 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-77*	*SB18-77*	*SB18-200*	*SB18-201*	*SB18-201*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-205*	*SB19-12*	*SB19-12*	*SB19-13*	*SB19-13*	*SB19-16*	*SB19-16*
Sample Depth:					*(0-2)*	*(9-10)*	*(17-18)*	*(8.5-9.5)*	*(17-18)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(18-19)*	*(3-5)*	*(7-9)*	*(0-2)*	*(8-10)*	*(0-2)*	*(4-6)*
Sample ID:					*S-17303-052404-DCR-351*	*S-17303-052404-DCR-352*	*SO-17303-060605-DR-0746*	*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*	*S-17303-112103-DD-239*	*S-17303-112103-DD-240*	*S-17303-112103-DD-236*	*S-17303-112103-DD-238*	*S-17303-111403-DD-213*	*S-17303-111403-DD-214*
Sample Date:					*5/24/2004*	*5/24/2004*	*6/6/2005*	*6/6/2005*	*6/6/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/6/2005*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/14/2003*	*11/14/2003*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
Ethylbenzene	mg/kg	140	0.36	1.5	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	**0.21 J**	0.08 U	0.045 U	*4.8* [bd]	*15* [bd]	**0.24**	*730 J* [abd]	0.063 U	0.17 U
Iodomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		91	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	**1.3 J**	**4.5 J**	**0.076 J**	7500 U	0.32 U	0.85 U
Methyl acetate	mg/kg				1.2 U	9 U	1.1 U	10 U	**0.063 J**	0.89 U	0.96 U	19 U	1.9 U	1.1 U	58 U	120 U	4.6 U	36000 U	**0.11 J**	4.1 U
Methyl cyclohexane	mg/kg				1.2 U	9 U	1.1 U	10 U	1.2 U	0.89 U	0.96 U	**1.1 J**	1.9 U	1.1 U	**2.7 J**	**4 J**	4.6 U	36000 U	1.5 U	4.1 U
Methyl Tert Butyl Ether	mg/kg	5900	15	0.8	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
Methylene chloride	mg/kg	2300	19	0.1	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	*10 J* [d]	0.95 U	*3200 J* [abd]	0.32 U	0.85 U
Naphthalene	mg/kg	2100	0.87	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	2.7	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Tetrachloroethene	mg/kg	88	0.9	0.1	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
Toluene	mg/kg	250	2.8	16	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	**0.76 J**	**2.8 J**	**0.21 J**	*430 J* [abd]	0.13 U	0.34 U
trans-1,2-Dichloroethene	mg/kg	1400	30	2	0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	**0.13 J**	1500 U	0.063 U	0.17 U
trans-1,3-Dichloropropene	mg/kg				0.051 U	0.38 U	0.046 U	0.43 U	0.048 U	0.037 U	0.04 U	0.8 U	0.08 U	0.045 U	2.4 U	4.8 U	0.19 U	1500 U	0.063 U	0.17 U
trans-1,4-Dichloro-2-butene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	0.1	*0.55* [d]	*13* [bd]	0.046 U	*12* [bd]	**0.074**	*0.6* [d]	*0.48* [d]	*7.9* [bd]	*2.4* [d]	0.045 U	*64* [bd]	4.8 U	*0.12 J* [d]	*47000* [abd]	**0.037 J**	0.17 U
Trichlorofluoromethane	mg/kg	560		52	0.1 U	0.75 U	0.091 U	0.86 U	0.097 U	0.074 U	0.08 U	1.6 U	0.16 U	0.09 U	4.9 U	9.7 U	0.38 U	3000 U	0.13 U	0.34 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	0.26 U	1.9 U	0.23 U	2.1 U	0.24 U	0.19 U	0.2 U	4 U	0.4 U	0.23 U	12 U	24 U	0.95 U	7500 U	0.32 U	0.85 U
Vinyl chloride	mg/kg	20	0.3	0.04	0.1 U	0.75 U	0.036 U	0.34 U	*0.12* [d]	0.03 U	0.032 U	0.64 U	0.064 U	0.036 U	*1.9 J* [bd]	9.7 U	*2.5* [bd]	3000 U	0.13 U	*0.22 J* [d]
Xylene (total)	mg/kg	150	0.7	5.6	0.51 U	3.8 U	0.14 U	1.3 U	0.14 U	0.11 U	0.12 U	**0.44 J**	0.24 U	0.14 U	*49* [bd]	*140* [bd]	*1.9* [b]	*4500 J* [abd]	0.63 U	1.7 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.3
PAOC 18 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*B-7*	*B-11*	*GS-6*	*MW18-01*	*MW18-01*	*MW18-02*	*MW18-02*	*MW19-17*	*MW19-17*	*MW19-18*	*MW19-18*	*PZ18-73*	*PZ18-73*	*SB18-65*	*SB18-65*	*SB18-66*
Sample Depth:							*(2.5-3)*	*(0-2)*	*(3-5)*	*(0-2)*	*(3-5)*	*(0-2)*	*(8-10)*	*(0-2)*	*(7.5-9.5)*	*(0-2)*	*(5-7)*	*(0-2)*	*(9-11)*	*(0-2)*
Sample ID:					*S-17303-040903-DCR-186*	*S-17303-040903-DCR-187*	*SO-17303-052405-DR-0701*	*S-17303-051704-DCR-317*	*S-17303-051704-DCR-318*	*S-17303-051704-DCR-315*	*S-17303-051704-DCR-316*	*S-17303-111103-DD-203*	*S-17303-111103-DD-204*	*S-17303-111103-DD-200*	*S-17303-111103-DD-201*	*S-17303-052404-DCR-344*	*S-17303-052404-DCR-345*	*S-17303-051904-DCR-339*	*S-17303-051904-DCR-340*	*S-17303-051904-DCR-337*
Sample Date:					*4/9/2003*	*4/9/2003*	*5/24/2005*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
SVOCs																				
2,2'-oxybis(1-Chloropropane)	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	mg/kg	9100		39	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	mg/kg	200	0.33	2.4	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2,4-Dichlorophenol	mg/kg	960	0.38	1.5	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2,4-Dimethylphenol	mg/kg	10000	7.6	7.4	0.43 U	0.43 U	*89 J* [bd]	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2,4-Dinitrophenol	mg/kg				2.2 U	2.2 U	140 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
2,4-Dinitrotoluene	mg/kg	170		0.43	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2,6-Dinitrotoluene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2-Chloronaphthalene	mg/kg	2300		620	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2-Chlorophenol	mg/kg	1900	0.44	0.9	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2-Methylnaphthalene	mg/kg	5500		57	0.43 U	0.43 U	*1300* [d]	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.12 J**
2-Methylphenol	mg/kg	16000	1.4	7.4	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
2-Nitroaniline	mg/kg				2.2 U	2.2 U	190 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
2-Nitrophenol	mg/kg	1600		0.4	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
3&4-Methylphenol	mg/kg	16000	1.4	7.4	0.43 U	0.43 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/kg	4.6	2	2	2.6 U	2.6 U	1500 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
3-Nitroaniline	mg/kg				2.2 U	2.2 U	190 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
4,6-Dinitro-2-methylphenol	mg/kg	190		0.83	2.2 U	2.2 U	140 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
4-Bromophenyl phenyl ether	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
4-Chloro-3-methylphenol	mg/kg	3000	0.28	5.8	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
4-Chloroaniline	mg/kg				2.2 U	2.2 U	140 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
4-Chlorophenyl phenyl ether	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
4-Methylphenol	mg/kg	16000	1.4	7.4	--	--	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
4-Nitroaniline	mg/kg				2.2 U	2.2 U	190 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
4-Nitrophenol	mg/kg				2.2 U	2.2 U	320 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
Acenaphthene	mg/kg	970	4.4	300	0.43 U	0.43 U	*73 J* [b]	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Acenaphthylene	mg/kg	440		5.9	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Acetophenone	mg/kg	1100		30	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Anthracene	mg/kg	41		41	0.43 U	0.43 U	*68 J* [ad]	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.086 J**
Atrazine	mg/kg	110	0.15	0.06	0.2 U	0.2 U	38 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Benzaldehyde	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	**0.029 J**	0.37 U	0.36 U
Benzo(a)anthracene	mg/kg				**0.44**	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.037 J**	0.37 U	**0.02 J**	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.35 J**
Benzo(a)pyrene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.044 J**	0.37 U	**0.024 J**	0.38 U	0.38 U	0.38 U	**0.041 J**	0.37 U	**0.35 J**
Benzo(b)fluoranthene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.043 J**	0.37 U	**0.034 J**	0.38 U	0.38 U	0.38 U	**0.067 J**	0.37 U	**0.47**
Benzo(g,h,i)perylene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.033 J**	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	**0.1 J**	0.37 U	**0.25 J**
Benzo(k)fluoranthene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.033 J**	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.19 J**
Biphenyl	mg/kg				0.43 U	0.43 U	**130 J**	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
bis(2-Chloroethoxy)methane	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
bis(2-Chloroethyl)ether	mg/kg	110	0.30	0.1	0.13 U	0.13 U	77 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
bis(2-Ethylhexyl)phthalate	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.033 J**
Butyl benzylphthalate	mg/kg	310	26	310	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U

TABLE - 2.3
PAOC 18 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*B-7*	*B-11*	*GS-6*	*MW18-01*	*MW18-01*	*MW18-02*	*MW18-02*	*MW19-17*	*MW19-17*	*MW19-18*	*MW19-18*	*PZ18-73*	*PZ18-73*	*SB18-65*	*SB18-65*	*SB18-66*
Sample Depth:							*(2.5-3)*	*(0-2)*	*(3-5)*	*(0-2)*	*(3-5)*	*(0-2)*	*(8-10)*	*(0-2)*	*(7.5-9.5)*	*(0-2)*	*(5-7)*	*(0-2)*	*(9-11)*	*(0-2)*
Sample ID:					*S-17303-040903-DCR-186*	*S-17303-040903-DCR-187*	*SO-17303-052405-DR-0701*	*S-17303-051704-DCR-317*	*S-17303-051704-DCR-318*	*S-17303-051704-DCR-315*	*S-17303-051704-DCR-316*	*S-17303-111103-DD-203*	*S-17303-111103-DD-204*	*S-17303-111103-DD-200*	*S-17303-111103-DD-201*	*S-17303-052404-DCR-344*	*S-17303-052404-DCR-345*	*S-17303-051904-DCR-339*	*S-17303-051904-DCR-340*	*S-17303-051904-DCR-337*
Sample Date:					*4/9/2003*	*4/9/2003*	*5/24/2005*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
Caprolactam	mg/kg	1000000		120	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Carbazole	mg/kg	820	1.1	9.4	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.03 J**
Chrysene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.052 J**	0.37 U	**0.032 J**	0.38 U	0.38 U	0.38 U	**0.035 J**	0.37 U	**0.44**
Dibenz(a,h)anthracene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.079 J**
Dibenzofuran	mg/kg		1.7		0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.037 J**
Diethyl phthalate	mg/kg	740	2.2	110	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Dimethyl phthalate	mg/kg	790		790	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Di-n-butylphthalate	mg/kg	760	11	760	0.43 U	0.43 U	*26 J* [b]	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	**0.026 J**	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Di-n-octyl phthalate	mg/kg	140000		100000	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Fluoranthene	mg/kg	730	5.5	730	**1.1**	0.43 U	*29 J* [b]	8 U	0.37 U	1.9 U	0.38 U	**0.08 J**	0.37 U	**0.05 J**	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.97**
Fluorene	mg/kg	890	5.3	390	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Hexachlorobenzene	mg/kg	8.2	0.35	1.8	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Hexachlorobutadiene	mg/kg	350	0.091	26	0.43 U	0.43 U	38 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Hexachlorocyclopentadiene	mg/kg	720		320	0.43 U	0.43 U	250 U	39 U	1.8 U	9.3 U	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.7 U
Hexachloroethane	mg/kg	110	1.8	0.43	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Indeno(1,2,3-cd)pyrene	mg/kg				0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	**0.025 J**	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	**0.053 J**	0.37 U	**0.22 J**
Isophorone	mg/kg	2400	11	15	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Naphthalene	mg/kg	2100	0.87	35	0.43 U	0.43 U	*330* [bd]	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.06 J**
Nitrobenzene	mg/kg	220	3.6	0.33	0.26 U	0.26 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
N-Nitrosodi-n-propylamine	mg/kg	7.2		0.33	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
N-Nitrosodiphenylamine	mg/kg	700		5.4	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Pentachlorophenol	mg/kg	4.3	17	0.022	1 U	1 U	140 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Phenanthrene	mg/kg	1100	5.3	56	**0.89**	0.43 U	*170 J* [bd]	8 U	0.37 U	1.9 U	0.38 U	**0.037 J**	0.37 U	**0.027 J**	0.38 U	0.38 U	0.38 U	**0.018 J**	0.37 U	**0.55**
Phenol	mg/kg	12000	4.2	88	0.43 U	0.43 U	250 U	8 U	0.37 U	1.9 U	0.38 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	0.36 U
Pyrene	mg/kg	480		480	**0.85**	0.43 U	**25 J**	8 U	0.37 U	1.9 U	0.38 U	**0.077 J**	0.37 U	**0.039 J**	0.38 U	0.38 U	0.38 U	0.38 U	0.37 U	**0.68**
Pyridine	mg/kg	37		0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.3
PAOC 18 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-66*	*SB18-67*	*SB18-67*	*SB18-68*	*SB18-68*	*SB18-69*	*SB18-69*	*SB18-70*	*SB18-70*	*SB18-70*	*SB18-71*	*SB18-72*	*SB18-72*	*SB18-74*	*SB18-75*	*SB18-75*
Sample Depth:					*(8-10)*	*(0-2)*	*(6-8)*	*(0-2)*	*(9-11)*	*(0-2)*	*(4-6)*	*(0-2)*	*(5-6)*	*(10-12)*	*(0-2)*	*(0-2)*	*(2-4)*	*(0-2)*	*(0-2)*	*(4-5)*
Sample ID:					*S-17303-051904-DCR-338*	*S-17303-051904-DCR-335*	*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-330*	*S-17303-051904-DCR-329*	*S-17303-052404-DCR-348*	*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*
Sample Date:					*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
SVOCs																				
2,2'-oxybis(1-Chloropropane)	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2,4,5-Trichlorophenol	mg/kg	9100		39	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2,4,6-Trichlorophenol	mg/kg	200	0.33	2.4	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2,4-Dichlorophenol	mg/kg	960	0.38	1.5	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2,4-Dimethylphenol	mg/kg	10000	7.6	7.4	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	*49 J* [bd]	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2,4-Dinitrophenol	mg/kg				38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
2,4-Dinitrotoluene	mg/kg	170		0.43	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2,6-Dinitrotoluene	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2-Chloronaphthalene	mg/kg	2300		620	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2-Chlorophenol	mg/kg	1900	0.44	0.9	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2-Methylnaphthalene	mg/kg	5500		57	**12**	0.35 U	0.38 U	**0.031 J**	**0.061 J**	0.35 U	0.37 U	**2.3**	*100 J* [d]	9.2 U	0.42 U	1.5 U	0.39 U	**0.018 J**	0.37 U	0.4 U
2-Methylphenol	mg/kg	16000	1.4	7.4	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
2-Nitroaniline	mg/kg				38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
2-Nitrophenol	mg/kg	1600		0.4	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
3&4-Methylphenol	mg/kg	16000	1.4	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/kg	4.6	2	2	38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
3-Nitroaniline	mg/kg				38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
4,6-Dinitro-2-methylphenol	mg/kg	190		0.83	38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
4-Bromophenyl phenyl ether	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
4-Chloro-3-methylphenol	mg/kg	3000	0.28	5.8	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
4-Chloroaniline	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
4-Chlorophenyl phenyl ether	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
4-Methylphenol	mg/kg	16000	1.4	7.4	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
4-Nitroaniline	mg/kg				38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
4-Nitrophenol	mg/kg				38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
Acenaphthene	mg/kg	970	4.4	300	**1.3 J**	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	**0.12 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Acenaphthylene	mg/kg	440		5.9	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Acetophenone	mg/kg	1100		30	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Anthracene	mg/kg	41		41	**1.3 J**	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	**0.14 J**	**4.6 J**	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Atrazine	mg/kg	110	0.15	0.06	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Benzaldehyde	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Benzo(a)anthracene	mg/kg				**0.79 J**	0.35 U	0.38 U	**0.044 J**	0.39 U	0.35 U	0.37 U	**0.34 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.068 J**	0.4 U
Benzo(a)pyrene	mg/kg				**0.54 J**	0.35 U	0.38 U	**0.06 J**	0.39 U	0.35 U	0.37 U	**0.42 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.077 J**	0.4 U
Benzo(b)fluoranthene	mg/kg				**0.74 J**	**0.016 J**	0.38 U	**0.087 J**	0.39 U	0.35 U	0.37 U	**0.63 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.13 J**	0.4 U
Benzo(g,h,i)perylene	mg/kg				7.9 U	0.35 U	0.38 U	**0.055 J**	0.39 U	0.35 U	0.37 U	**0.28 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.072 J**	0.4 U
Benzo(k)fluoranthene	mg/kg				7.9 U	0.35 U	0.38 U	**0.033 J**	0.39 U	0.35 U	0.37 U	**0.28 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.05 J**	0.4 U
Biphenyl	mg/kg				**1.3 J**	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	**0.12 J**	**8.8 J**	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
bis(2-Chloroethoxy)methane	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
bis(2-Chloroethyl)ether	mg/kg	110	0.30	0.1	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
bis(2-Ethylhexyl)phthalate	mg/kg				7.9 U	**0.13 J**	0.38 U	0.36 U	**0.024 J**	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.27 J**	0.4 U
Butyl benzylphthalate	mg/kg	310	26	310	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.043 J**	0.4 U

TABLE - 2.3
PAOC 18 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-66*	*SB18-67*	*SB18-67*	*SB18-68*	*SB18-68*	*SB18-69*	*SB18-69*	*SB18-70*	*SB18-70*	*SB18-70*	*SB18-71*	*SB18-72*	*SB18-72*	*SB18-74*	*SB18-75*	*SB18-75*
Sample Depth:					*(8-10)*	*(0-2)*	*(6-8)*	*(0-2)*	*(9-11)*	*(0-2)*	*(4-6)*	*(0-2)*	*(5-6)*	*(10-12)*	*(0-2)*	*(0-2)*	*(2-4)*	*(0-2)*	*(0-2)*	*(4-5)*
Sample ID:					*S-17303-051904-DCR-338*	*S-17303-051904-DCR-335*	*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-330*	*S-17303-051904-DCR-329*	*S-17303-052404-DCR-348*	*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*
Sample Date:					*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
Caprolactam	mg/kg	1000000		120	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Carbazole	mg/kg	820	1.1	9.4	**0.48 J**	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Chrysene	mg/kg				**1 J**	0.35 U	0.38 U	**0.053 J**	0.39 U	0.35 U	0.37 U	**0.46 J**	110 U	**0.61 J**	0.42 U	1.5 U	0.39 U	0.42 U	**0.11 J**	**0.016 J**
Dibenz(a,h)anthracene	mg/kg				7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	**0.11 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Dibenzofuran	mg/kg		1.7		**0.96 J**	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Diethyl phthalate	mg/kg	740	2.2	110	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Dimethyl phthalate	mg/kg	790		790	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Di-n-butylphthalate	mg/kg	760	11	760	**2.5 J**	0.35 U	0.38 U	0.36 U	**0.051 J**	0.35 U	0.37 U	1.4 U	**10 J**	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Di-n-octyl phthalate	mg/kg	140000		100000	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Fluoranthene	mg/kg	730	5.5	730	**2.9 J**	0.35 U	**0.044 J**	**0.072 J**	0.39 U	0.35 U	0.37 U	**0.8 J**	110 U	9.2 U	0.42 U	**0.092 J**	0.39 U	0.42 U	**0.22 J**	0.4 U
Fluorene	mg/kg	890	5.3	390	**1.8 J**	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	**0.16 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Hexachlorobenzene	mg/kg	8.2	0.35	1.8	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Hexachlorobutadiene	mg/kg	350	0.091	26	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Hexachlorocyclopentadiene	mg/kg	720		320	38 U	1.7 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U	7 U	510 U	44 U	2 U	7.5 U	1.9 U	2 U	1.8 U	1.9 U
Hexachloroethane	mg/kg	110	1.8	0.43	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Indeno(1,2,3-cd)pyrene	mg/kg				7.9 U	0.35 U	0.38 U	**0.044 J**	0.39 U	0.35 U	0.37 U	**0.28 J**	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	**0.058 J**	0.4 U
Isophorone	mg/kg	2400	11	15	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Naphthalene	mg/kg	2100	0.87	35	*9.3* [b]	0.35 U	0.38 U	0.36 U	**0.12 J**	0.35 U	0.37 U	*1.1 J* [b]	*120* [bd]	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Nitrobenzene	mg/kg	220	3.6	0.33	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
N-Nitrosodi-n-propylamine	mg/kg	7.2		0.33	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
N-Nitrosodiphenylamine	mg/kg	700		5.4	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Pentachlorophenol	mg/kg	4.3	17	0.022	7.9 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Phenanthrene	mg/kg	1100	5.3	56	*5.9 J* [b]	0.35 U	**0.081 J**	0.36 U	0.39 U	0.35 U	0.37 U	**0.55 J**	*14 J* [b]	9.2 U	0.42 U	**0.071 J**	0.39 U	**0.022 J**	**0.1 J**	0.4 U
Phenol	mg/kg	12000	4.2	88	7.9 U	0.35 U	0.38 U	0.36 U	**0.023 J**	0.35 U	0.37 U	1.4 U	110 U	9.2 U	0.42 U	1.5 U	0.39 U	0.42 U	0.37 U	0.4 U
Pyrene	mg/kg	480		480	**1.8 J**	0.35 U	**0.026 J**	**0.062 J**	0.39 U	0.35 U	0.37 U	**0.64 J**	110 U	9.2 U	0.42 U	**0.081 J**	0.39 U	0.42 U	**0.16 J**	0.4 U
Pyridine	mg/kg	37		0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.3
PAOC 18 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-76*	*SB18-76*	*SB18-77*	*SB18-77*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-203*	*SB19-12*	*SB19-12*	*SB19-13*	*SB19-13*	*SB19-13*	*SB19-16*	*SB19-16*
Sample Depth:					*(0-2)*	*(10-12)*	*(0-2)*	*(9-10)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(3-5)*	*(7-9)*	*(0-2)*	*(2-4)*	*(8-10)*	*(0-2)*	*(4-6)*
Sample ID:					*S-17303-052404-DCR-349*	*S-17303-052404-DCR-350*	*S-17303-052404-DCR-351*	*S-17303-052404-DCR-352*	*SO-17303-060205-DR-0719*	*SO-17303-060205-DR-0720*	*SO-17303-060205-DR-0721*	*SO-17303-060205-DR-0722*	*S-17303-112103-DD-239*	*S-17303-112103-DD-240*	*S-17303-112103-DD-236*	*S-17303-112103-DD-237*	*S-17303-112103-DD-238*	*S-17303-111403-DD-213*	*S-17303-111403-DD-214*
Sample Date:					*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/14/2003*	*11/14/2003*
Sample Type:																			
Parameter:	*Units*	*a*	*b*	*d*															
SVOCs																			
2,2'-oxybis(1-Chloropropane)	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2,4,5-Trichlorophenol	mg/kg	9100		39	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2,4,6-Trichlorophenol	mg/kg	200	0.33	2.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2,4-Dichlorophenol	mg/kg	960	0.38	1.5	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2,4-Dimethylphenol	mg/kg	10000	7.6	7.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2,4-Dinitrophenol	mg/kg				1.7 U	1.8 U	1.7 U	1.7 U	0.15 U	0.38 U	3 U	0.75 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
2,4-Dinitrotoluene	mg/kg	170		0.43	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2,6-Dinitrotoluene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2-Chloronaphthalene	mg/kg	2300		620	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2-Chlorophenol	mg/kg	1900	0.44	0.9	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2-Methylnaphthalene	mg/kg	5500		57	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	**0.69 J**	1.3 U	**0.95 J**	**2.2 J**	**4.6**	**4.4**	**32 J**	0.36 U	0.4 U
2-Methylphenol	mg/kg	16000	1.4	7.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
2-Nitroaniline	mg/kg				1.7 U	1.8 U	1.7 U	1.7 U	0.2 U	0.5 U	4 U	1 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
2-Nitrophenol	mg/kg	1600		0.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
3&4-Methylphenol	mg/kg	16000	1.4	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/kg	4.6	2	2	1.7 U	1.8 U	1.7 U	1.7 U	1.6 U	4 U	32 U	8 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
3-Nitroaniline	mg/kg				1.7 U	1.8 U	1.7 U	1.7 U	0.2 U	0.5 U	4 U	1 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
4,6-Dinitro-2-methylphenol	mg/kg	190		0.83	1.7 U	1.8 U	1.7 U	1.7 U	0.15 U	0.38 U	3 U	0.75 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
4-Bromophenyl phenyl ether	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
4-Chloro-3-methylphenol	mg/kg	3000	0.28	5.8	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
4-Chloroaniline	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.15 U	0.38 U	3 U	0.75 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
4-Chlorophenyl phenyl ether	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
4-Methylphenol	mg/kg	16000	1.4	7.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	*16 J* [bd]	0.36 U	0.4 U
4-Nitroaniline	mg/kg				1.7 U	1.8 U	1.7 U	1.7 U	0.2 U	0.5 U	4 U	1 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
4-Nitrophenol	mg/kg				1.7 U	1.8 U	1.7 U	1.7 U	0.33 U	0.82 U	6.6 U	1.6 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
Acenaphthene	mg/kg	970	4.4	300	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	**0.22 J**	**0.2 J**	84 U	0.36 U	0.4 U
Acenaphthylene	mg/kg	440		5.9	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	**0.43 J**	84 U	0.36 U	0.4 U
Acetophenone	mg/kg	1100		30	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Anthracene	mg/kg	41		41	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	**0.49 J**	**0.48 J**	84 U	0.36 U	0.4 U
Atrazine	mg/kg	110	0.15	0.06	0.36 U	0.37 U	0.36 U	0.36 U	0.04 U	0.1 U	0.8 U	0.2 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Benzaldehyde	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	**0.078 J**	0.4 U
Benzo(a)anthracene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Benzo(a)pyrene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Benzo(b)fluoranthene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Benzo(g,h,i)perylene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Benzo(k)fluoranthene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Biphenyl	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	**1 J**	**2 J**	**0.86 J**	**0.82 J**	**24 J**	0.36 U	0.4 U
bis(2-Chloroethoxy)methane	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
bis(2-Chloroethyl)ether	mg/kg	110	0.30	0.1	0.36 U	0.37 U	0.36 U	0.36 U	0.08 U	0.2 UJ	1.6 U	0.4 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
bis(2-Ethylhexyl)phthalate	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Butyl benzylphthalate	mg/kg	310	26	310	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U

TABLE - 2.3
PAOC 18 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-76*	*SB18-76*	*SB18-77*	*SB18-77*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-203*	*SB19-12*	*SB19-12*	*SB19-13*	*SB19-13*	*SB19-13*	*SB19-16*	*SB19-16*
Sample Depth:					*(0-2)*	*(10-12)*	*(0-2)*	*(9-10)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(3-5)*	*(7-9)*	*(0-2)*	*(2-4)*	*(8-10)*	*(0-2)*	*(4-6)*
Sample ID:					*S-17303-052404-DCR-349*	*S-17303-052404-DCR-350*	*S-17303-052404-DCR-351*	*S-17303-052404-DCR-352*	*SO-17303-060205-DR-0719*	*SO-17303-060205-DR-0720*	*SO-17303-060205-DR-0721*	*SO-17303-060205-DR-0722*	*S-17303-112103-DD-239*	*S-17303-112103-DD-240*	*S-17303-112103-DD-236*	*S-17303-112103-DD-237*	*S-17303-112103-DD-238*	*S-17303-111403-DD-213*	*S-17303-111403-DD-214*
Sample Date:					*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/14/2003*	*11/14/2003*
Sample Type:																			
Parameter:	*Units*	*a*	*b*	*d*															
Caprolactam	mg/kg	1000000		120	0.36 U	0.37 U	0.36 U	0.36 U	**0.027 J**	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Carbazole	mg/kg	820	1.1	9.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Chrysene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	**0.23 J**	7.3 U	1.8 U	**0.1 J**	84 U	0.36 U	0.4 U
Dibenz(a,h)anthracene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Dibenzofuran	mg/kg		1.7		0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	**0.33 J**	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Diethyl phthalate	mg/kg	740	2.2	110	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Dimethyl phthalate	mg/kg	790		790	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Di-n-butylphthalate	mg/kg	760	11	760	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	**2.3 J**	**4 J**	**0.41 J**	**0.44 J**	*320* [b]	0.36 U	0.4 U
Di-n-octyl phthalate	mg/kg	140000		100000	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Fluoranthene	mg/kg	730	5.5	730	0.36 U	**0.022 J**	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	**0.88 J**	**2 J**	**0.61 J**	**0.67 J**	*21 J* [b]	0.36 U	0.4 U
Fluorene	mg/kg	890	5.3	390	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	**0.28 J**	1.3 U	**1.1 J**	**2.1 J**	**0.74 J**	**0.7 J**	84 U	0.36 U	0.4 U
Hexachlorobenzene	mg/kg	8.2	0.35	1.8	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Hexachlorobutadiene	mg/kg	350	0.091	26	0.36 U	0.37 U	0.36 U	0.36 U	0.04 U	0.1 U	0.8 U	0.2 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Hexachlorocyclopentadiene	mg/kg	720		320	1.7 U	1.8 U	1.7 U	1.7 U	0.26 U	0.66 U	5.3 U	1.3 U	18 U	35 U	8.9 U	8.8 U	410 U	1.7 U	1.9 U
Hexachloroethane	mg/kg	110	1.8	0.43	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Indeno(1,2,3-cd)pyrene	mg/kg				0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Isophorone	mg/kg	2400	11	15	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Naphthalene	mg/kg	2100	0.87	35	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	*1 J* [b]	*3.6 J* [b]	*2* [b]	*1.9* [b]	*93* [bd]	0.36 U	0.4 U
Nitrobenzene	mg/kg	220	3.6	0.33	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
N-Nitrosodi-n-propylamine	mg/kg	7.2		0.33	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
N-Nitrosodiphenylamine	mg/kg	700		5.4	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Pentachlorophenol	mg/kg	4.3	17	0.022	0.36 U	0.37 U	0.36 U	0.36 U	0.15 U	0.38 U	3 U	0.75 U	3.7 U	7.3 U	1.8 U	1.8 U	84 U	0.36 U	0.4 U
Phenanthrene	mg/kg	1100	5.3	56	0.36 U	**0.025 J**	0.36 U	0.36 U	0.26 U	0.66 U	**0.56 J**	1.3 U	**0.94 J**	**2.3 J**	**1.1 J**	**1.1 J**	*25 J* [b]	0.36 U	0.4 U
Phenol	mg/kg	12000	4.2	88	0.36 U	0.37 U	0.36 U	0.36 U	0.26 U	0.66 UJ	5.3 U	1.3 U	3.7 U	7.3 U	1.8 U	1.8 U	*49 J* [b]	0.36 U	0.4 U
Pyrene	mg/kg	480		480	0.36 U	**0.017 J**	0.36 U	0.36 U	0.26 U	0.66 U	5.3 U	1.3 U	3.7 U	**0.43 J**	**0.19 J**	**0.21 J**	84 U	0.36 U	0.4 U
Pyridine	mg/kg	37		0.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.4
PAOC 18 METALS & PCBs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*GS-5*	*GS-6*	*GS-8*	*IW-41*	*IW-44*	*IW-45*	*IW-46*	*IW-55*	*MW-6*	*MW-12*	*MW18-03*	*MW18-07*	*MW-18-45*	*MW-18-45*
Depth																			
Sample ID:						*WG-17303-060507-EV-004*	*WG-17303-060507-EV-005*	*WG-17303-060807-DR-032*	*WG-17303-060707-DR-031*	*WG-17303-060707-DR-026*	*WG-17303-060707-DR-029*	*WG-17303-060507-EV-006*	*WG-17303-060707-EV-030*	*WG-17303-060507-DR-008*	*WG-17303-060507-EV-010*	*WG-17303-070706-EV-032*	*WG-17303-060507-EV-009*	*WG-17303-060707-DR-027*	*WG-17303-060707-DR-028*
Sample Date:						*6/5/2007*	*6/5/2007*	*6/8/2007*	*6/7/2007*	*6/7/2007*	*6/7/2007*	*6/5/2007*	*6/7/2007*	*6/5/2007*	*6/5/2007*	*7/7/2006*	*6/5/2007*	*6/7/2007*	*6/7/2007*
Sample Type:																			*Duplicate*
Metals																			
Antimony	mg/L	68	0.002	0.006	2.3	**0.00026 J**	**0.00017 J**	**0.00022 J**	**0.00032 J**	**0.00018 J**	**0.00027 J**	**0.0004 J**	**0.00046 J**	**0.00017 J**	**0.00018 J**	--	**0.00022 J**	**0.0003 J**	**0.00023 J**
Arsenic	mg/L	4.3	0.05	0.01	0.68	*0.0153* [d]	**0.0044 J**	**0.0048 J**	0.005 U	0.005 U	0.005 U	0.005 U	**0.0087**	0.005 U	0.005 U	--	0.005 U	**0.0059**	**0.0053**
Barium	mg/L	14000	1.866	2	10.7	**0.836**	**0.0954 J**	**0.177**	**0.17**	**0.0123 J**	0.1 U	**0.0072 J**	**0.0805 J**	**0.115**	**0.0375 J**	--	**0.0276 J**	**0.153**	**0.149**
Beryllium	mg/L	290	0.0753	0.004	1.35	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	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	190	0.0025	0.005	0.0373	0.0005 U	0.0005 U	**0.00011 J**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	--	**0.00011 J**	0.0005 U	**0.00011 J**
Chromium Total	mg/L	460	0.011	0.1		0.005 U	**0.0026 J**	0.005 U	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	0.005 U
Chromium VI (Hexavalent)	mg/L	460	0.011	0.1		--	--	0.01 U	0.01 U	0.01 U	0.01 U	--	0.01 U	--	--	--	--	0.01 U	0.01 U
Cobalt	mg/L	2400	0.1	0.04	0.74	0.007 U	0.007 U	**0.0056 J**	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	0.007 U	--	0.007 U	**0.0063 J**	**0.006 J**
Copper	mg/L	7400	0.0287	1	0.0972	**0.0012 J**	**0.0023**	0.0036 U	0.0027 U	0.002 U	0.0032 U	**0.0017 J**	0.005 U	0.0023 U	0.002 U	--	0.0048 U	0.0025 U	0.0023 U
Iron	mg/L	58000		0.3		--	--	*1.41 J* [d]	*2.71 J* [d]	**0.0369 J**	0.1 U	--	*3.21 J* [d]	--	--	*88.4* [d]	--	*4.49 J* [d]	*4.39 J* [d]
Iron (Dissolved)	mg/L	58000		0.3		--	--	**0.0766 J**	*3.35* [d]	0.1 U	0.1 U	--	*3* [d]	--	--	*88.9* [d]	--	*3.65* [d]	*3.84* [d]
Lead	mg/L		0.014	0.004	0.779	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	**0.0025 J**	0.003 U	0.003 U	--	0.003 U	0.003 U	0.003 U
Manganese	mg/L	9100	3.6	0.05	27.6	*1.1* [d]	*0.0652* [d]	*1.93* [d]	*8.59* [bd]	*9.86* [bd]	*0.576* [d]	*2.81* [d]	*13.3* [bd]	*0.326* [d]	**0.0391**	*5.22* [bd]	*0.33* [d]	*1.72* [d]	*1.7* [d]
Manganese (Dissolved)	mg/L	9100	3.6	0.05	27.6	--	--	*1.94* [d]	*8.85* [bd]	*7.55* [bd]	*0.327* [d]	--	*14.1* [bd]	--	--	*5.5* [bd]	--	*1.52* [d]	*1.59* [d]
Mercury	mg/L	0.056	0.0000013	0.002		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	--	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	74000	0.165	0.1	2.97	0.02 U	**0.0093 J**	**0.0093 J**	**0.0062 J**	**0.0065 J**	0.02 U	**0.003 J**	**0.0061 J**	0.02 U	**0.0018 J**	--	**0.0039 J**	**0.0049 J**	**0.0048 J**
Selenium	mg/L	970	0.005	0.05	0.12	**0.00063 J**	**0.00074 J**	0.002 U	*0.0153* [b]	0.002 U	*0.231* [bde]	**0.00092 J**	0.002 U	0.002 U	0.0024 U	--	0.0025 U	0.002 U	0.0022 U
Silver	mg/L	1500	0.0002	0.034	0.0011	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	--	0.0002 U	0.0002 U	0.0002 U
Thallium	mg/L	13	0.002	0.002	0.094	0.001 U	**0.000037 J**	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	**0.000038 J**	--	0.001 U	**0.000073 J**	**0.000064 J**
Vanadium	mg/L	970	0.012	0.0045	0.22	0.004 U	0.004 U	0.004 U	*0.005* [d]	*0.01* [d]	0.004 U	**0.0034 J**	*0.006* [d]	0.004 U	0.004 U	--	0.004 U	0.004 U	0.004 U
Zinc	mg/L	110000	0.375	2.4	0.745	**0.029**	**0.0055 J**	**0.041**	0.01 U	0.0101 U	0.01 U	**0.0204**	0.01 U	0.01 U	0.01 U	--	0.01 U	0.01 U	0.01 U
PCBs																			
Aroclor-1016 (PCB-1016)	mg/L	0.0033	0.0002	0.0005		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	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0033	0.0002	0.0005		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	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0033	0.0002	0.0005		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	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0033	0.0002	0.0005		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	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0033	0.0002	0.0005		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	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0033	0.0002	0.0005		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	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0033	0.0002	0.0005		**0.000084 J**	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	0.0033	0.0002	0.0005		--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance (bolded PCB values indicate an exceedance)

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.5
PAOC 18 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*B-7*	*B-11*	*GS-6*	*MW18-01*	*MW18-01*	*MW18-02*	*MW18-02*	*MW18-03*	*MW18-03*	*MW19-17*	*MW19-17*	*MW19-18*	*MW19-18*	*PZ18-73*	*PZ18-73*	*SB18-65*
Sample Depth:							*(2.5-3)*	*(0-2)*	*(3-5)*	*(0-2)*	*(3-5)*			*(0-2)*	*(8-10)*	*(0-2)*	*(7.5-9.5)*	*(0-2)*	*(5-7)*	*(0-2)*
Sample ID:					*S-17303-040903-DCR-186*	*S-17303-040903-DCR-187*	*SO-17303-052405-DR-0701*	*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-17303-111103-DD-203*	*S-17303-111103-DD-204*	*S-17303-111103-DD-200*	*S-17303-111103-DD-201*	*S-17303-052404-DCR-344*	*S-17303-052404-DCR-345*	*S-17303-051904-DCR-339*
Sample Date:					*4/9/2003*	*4/9/2003*	*5/24/2005*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*5/17/2004*	*9/9/2004*	*9/9/2004*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*5/24/2004*	*5/24/2004*	*5/19/2004*
Sample Type:													*Duplicate*							
Parameter:	*Units*	*a*	*b*	*d*																
Metals																				
Aluminum	mg/kg	1000000		1	--	--	--	*7140* [d]	*4620* [d]	*5620* [d]	*3070* [d]	--	--	*5300* [d]	*3680* [d]	*4310* [d]	*3560* [d]	*4180* [d]	*1300* [d]	*3960* [d]
Antimony	mg/kg	49000	94	4.3	--	--	*8.0 J* [d]	0.61 UJ	0.57 UJ	**0.35 J**	0.58 UJ	--	--	0.57 UJ	0.57 UJ	**0.81 J**	**0.24 J**	**3.3 J**	0.58 UJ	0.57 UJ
Arsenic	mg/kg	2000	70	4.6	--	--	*12.3 J* [d]	*5.3* [d]	**2.8**	**3.6**	**3.0**	--	--	**3.0**	**1.3**	**4.4**	**1.3**	**2.2**	*4.9* [d]	**4.1**
Barium	mg/kg	1000000	1220	1300	--	--	*10100* [bd]	**164**	**18.1**	**136**	**10.4**	--	--	**37.9**	**16.6**	**32.3**	**16.7**	**35.5**	**7.9**	**42.1 J**
Beryllium	mg/kg	1000000	951	51	--	--	0.19 U	**0.44**	**0.26**	**0.34**	**0.19 J**	--	--	**0.048 J**	0.23 U	**0.032 J**	**0.034 J**	**0.098 J**	**0.041 J**	**0.18 J**
Cadmium	mg/kg	230000	3	6	--	--	*613* [bd]	**3.0**	**0.22**	**1.5**	**0.077**	--	--	**0.18**	**0.16**	**0.24**	**0.22**	**0.64**	**0.12**	**0.63 J**
Calcium	mg/kg				--	--	--	**32300 J**	**28000 J**	**15200 J**	**1040 J**	--	--	**46700**	**43800**	**42200**	**28100**	**995**	**26000**	**50200**
Chromium Total	mg/kg	140000	3.3	30	--	--	*536* [bd]	*53.1 J* [bd]	*8.6 J* [b]	*49.0 J* [bd]	*6.5 J* [b]	--	--	*10* [b]	*7.5* [b]	*10.8* [b]	*7.1* [b]	*18.6 J* [b]	*3.6 J* [b]	*7.8 J* [b]
Cobalt	mg/kg	48000	2	0.8	--	--	*80.6 J* [bd]	*5.0* [bd]	*4.5* [bd]	*4.0* [bd]	*2.7* [bd]	--	--	*5.0* [bd]	*3.9* [bd]	*4.4* [bd]	*4.2* [bd]	*2.3* [bd]	*2.7* [bd]	*4.2* [bd]
Copper	mg/kg	1000000	165	5800	--	--	**122**	**16.7**	**10.8**	**15.2**	**9.9**	--	--	**11.5**	**9.1**	**11.7**	**10.1**	**5.1**	**6.9**	**9.7 J**
Iron	mg/kg	1000000		6	--	--	--	*11600* [d]	*10100* [d]	*8150* [d]	*7490* [d]	--	--	*10800* [d]	*7420* [d]	*9570* [d]	*8460* [d]	*5260* [d]	*10400* [d]	*8570* [d]
Lead	mg/kg		2460	700	--	--	--	**52.9 J**	**5.3 J**	**34.8 J**	**4.0 J**	--	--	**8.3**	**4.2**	**10.7**	**4.5**	**24.5 J**	**1.6 J**	**11.1 J**
Lead - Coarse Fraction	mg/kg		2460	700	--	--	*10800* [bd]	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg		2460	700	--	--	*11900* [bd]	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (fine/coarse fraction)	mg/kg		2460	700	--	--	*10800* [bd]	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	1000000		8000	--	--	--	**6370**	**7610**	**2190**	**783**	--	--	*9940* [d]	*10800* [d]	*9440* [d]	**6180**	**674**	**3620**	*13100* [d]
Manganese	mg/kg	180000	72	1	--	--	*471* [bd]	*301 J* [bd]	*294 J* [bd]	*109 J* [bd]	*113 J* [bd]	--	--	*285* [bd]	*153* [bd]	*251* [bd]	*406* [bd]	*98.2 J* [bd]	*210 J* [bd]	*233 J* [bd]
Mercury	mg/kg	47	0.1	1.7	--	--	*0.23 J* [b]	**0.079 J**	**0.0067 J**	**0.061 J**	**0.0097 J**	--	--	**0.027 J**	0.11 U	**0.026 J**	0.11 U	**0.030 J**	**0.0069 J**	**0.017 J**
Nickel	mg/kg	1000000	172	100	--	--	**32.7 J**	**13.1**	**12.3**	**9.9**	**9.3**	--	--	**11.9**	**9.8**	**11.0**	**10.7**	**4.4**	**5.6**	**10.3**
Potassium	mg/kg				--	--	--	**814**	**815**	**510 J**	**351 J**	--	--	**872**	**575**	**724**	**472 J**	**205 J**	**203 J**	**800**
Selenium	mg/kg	78000	0.4	4	--	--	*14.8 J* [bd]	*1.3* [b]	0.23 U	*0.89* [b]	**0.16 J**	--	--	0.23 U	0.23 U	0.23 U	0.23 U	**0.25**	**0.13 J**	**0.24 J**
Silver	mg/kg	200000	0.1	4.5	--	--	*0.39 J* [b]	*0.87* [b]	0.57 U	*0.66* [b]	0.58 U	--	--	0.57 U	0.57 U	0.57 U	0.57 U	0.58 U	0.58 U	0.57 U
Sodium	mg/kg	1000000		2500	--	--	--	121 U	**99.0 J**	117 U	116 U	--	--	**70.5 J**	**86.0 J**	**51.5 J**	**43.9 J**	116 U	116 U	114 U
Thallium	mg/kg	15000	4.2	2.3	--	--	**0.048 J**	0.36 U	0.16 U	0.23 U	0.12 U	--	--	**0.13**	**0.11**	**0.22**	**0.14**	**0.058 J**	**0.038 J**	**0.19**
Vanadium	mg/kg	1000000	190	72	--	--	**19.9**	**19.9**	**13.4**	**16.4**	**11.6**	--	--	**13.0**	**11.3**	**12.2**	**10.2**	**9.1**	**6.9**	**11.3**
Zinc	mg/kg	1000000	372	2400	--	--	*1570* [b]	**145 J**	**32.1 J**	**82.1 J**	**23.4 J**	--	--	**34.1**	**27.8**	**36.7**	**27.8**	**47.9 J**	**18.4 J**	**34.2**
PCBs																				
Aroclor-1016 (PCB-1016)	mg/kg				2.2 U	8.6 U	0.32 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1221 (PCB-1221)	mg/kg				2.2 U	8.6 U	0.32 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1232 (PCB-1232)	mg/kg				2.2 U	8.6 U	0.32 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1242 (PCB-1242)	mg/kg				2.2 U	8.6 U	0.32 U	0.4 U	0.37 U	0.39 U	0.38 U	100 U	6 U	0.37 U	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1248 (PCB-1248)	mg/kg				**2.7**	8.6 U	**0.44**	**1.9**	0.37 U	0.39 U	0.38 U	100 U	6 U	**0.076 J**	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1254 (PCB-1254)	mg/kg				2.2 U	8.6 U	0.32 U	0.4 U	0.37 U	**1.6**	0.38 U	100 U	6 U	0.37 U	0.37 U	**0.053 J**	0.38 U	0.38 U	0.38 U	0.38 U
Aroclor-1260 (PCB-1260)	mg/kg				2.2 U	**10**	**2.9**	**1.3**	0.37 U	0.39 U	0.38 U	**648**	**44**	**0.076 J**	0.37 U	0.37 U	0.38 U	**0.12 J**	0.38 U	0.38 U
Total PCBs	mg/kg				--	--	**3.3**	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.5
PAOC 18 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-65*	*SB18-66*	*SB18-66*	*SB18-67*	*SB18-67*	*SB18-68*	*SB18-68*	*SB18-69*	*SB18-69*	*SB18-70*	*SB18-70*	*SB18-70*	*SB18-71*	*SB18-72*	*SB18-72*	*SB18-74*
Sample Depth:					*(9-11)*	*(0-2)*	*(8-10)*	*(0-2)*	*(6-8)*	*(0-2)*	*(9-11)*	*(0-2)*	*(4-6)*	*(0-2)*	*(5-6)*	*(10-12)*	*(0-2)*	*(0-2)*	*(2-4)*	*(0-2)*
Sample ID:					*S-17303-051904-DCR-340*	*S-17303-051904-DCR-337*	*S-17303-051904-DCR-338*	*S-17303-051904-DCR-335*	*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-330*	*S-17303-051904-DCR-329*	*S-17303-052404-DCR-348*	*S-17303-052404-DCR-346*	*S-17303-052404-DCR-347*	*S-17303-051904-DCR-341*
Sample Date:					*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/19/2004*
Sample Type:																				
Parameter:	*Units*	*a*	*b*	*d*																
Metals																				
Aluminum	mg/kg	1000000		1	*2440* [d]	*4350* [d]	*2600* [d]	*2900* [d]	*4090* [d]	*2220* [d]	*2670* [d]	*3750* [d]	*4400* [d]	*3220* [d]	*3810* [d]	*3720* [d]	*10900* [d]	*7480* [d]	*9410* [d]	*11900* [d]
Antimony	mg/kg	49000	94	4.3	0.56 UJ	0.55 UJ	**1.5 J**	0.53 UJ	0.58 UJ	0.55 UJ	0.59 UJ	**1.5 J**	**0.75 J**	**1.7 J**	*1490 J* [bd]	0.55 UJ	0.63 UJ	0.59 UJ	0.59 UJ	0.64 UJ
Arsenic	mg/kg	2000	70	4.6	**1.2**	**1.6**	**2.7**	**2.1**	**2.1**	**1.2**	**2.9**	**2.3**	**2.9**	**1.6**	*23.9* [d]	**3.1**	**3.3**	**3.2**	*4.7* [d]	*4.8* [d]
Barium	mg/kg	1000000	1220	1300	**11.7 J**	**37.7 J**	**418 J**	**20.8 J**	**13.5 J**	**7.2 J**	**11.3 J**	**32.7 J**	**39.2 J**	**479 J**	*6750 J* [bd]	**13.4 J**	**58.2**	**53.9**	**71.3**	**72.1 J**
Beryllium	mg/kg	1000000	951	51	**0.098 J**	**0.13 J**	**0.099 J**	**0.094 J**	**0.10 J**	**0.064 J**	**0.14 J**	**0.11 J**	**0.18 J**	**0.23**	**0.36**	**0.15 J**	**0.51**	**0.37**	**0.44**	**0.55**
Cadmium	mg/kg	230000	3	6	**0.075 J**	**0.17 J**	*3.6 J* [b]	**0.22 J**	**0.038 J**	**0.031 J**	**0.31 J**	**0.10 J**	**1.1 J**	*20.6 J* [bd]	*292 J* [bd]	**0.079 J**	**0.33**	**0.41**	**0.23**	**0.22 J**
Calcium	mg/kg				**42000**	**46300**	**4150**	**1030**	**4450**	**675**	**21100**	**572**	**2180**	**96900**	**77600**	**5330**	**63700**	**44300**	**66700**	**62100**
Chromium Total	mg/kg	140000	3.3	30	*5.1 J* [b]	*7.0 J* [b]	*91.2 J* [bd]	*4.8 J* [b]	*9.0 J* [b]	*6.8 J* [b]	*6.1 J* [b]	*5.6 J* [b]	*10.6 J* [b]	*24.0 J* [b]	*159 J* [bd]	*7.3 J* [b]	*18.4 J* [b]	*15.5 J* [b]	*16.0 J* [b]	*20.7 J* [b]
Cobalt	mg/kg	48000	2	0.8	*4.3* [bd]	*2.4* [bd]	*6.4* [bd]	*1.9* [d]	*2.3* [bd]	*1.5* [d]	*2.9* [bd]	*2.0* [d]	*4.5* [bd]	*2.5* [bd]	*19.4* [bd]	*2.8* [bd]	*10.7* [bd]	*7.2* [bd]	*8.9* [bd]	*10.3* [bd]
Copper	mg/kg	1000000	165	5800	**7.7 J**	**4.4 J**	**16.9 J**	**3.1 J**	**5.7 J**	**3.4 J**	**7.2 J**	**2.9 J**	**8.4 J**	**10.6 J**	*266 J* [b]	**9.1 J**	**24.4**	**16.9**	**22.1**	**23.9 J**
Iron	mg/kg	1000000		6	*4590* [d]	*6530* [d]	*5560* [d]	*4310* [d]	*6550* [d]	*4180* [d]	*6480* [d]	*4810* [d]	*8270* [d]	*4070* [d]	*34100* [d]	*8220* [d]	*18700* [d]	*14700* [d]	*18000* [d]	*22100* [d]
Lead	mg/kg		2460	700	**3.1 J**	**11.6 J**	**227 J**	**4.4 J**	**3.3 J**	**2.1 J**	**3.4 J**	**3.7 J**	**11.2 J**	**156 J**	*61300 J* [bd]	**4.6 J**	**10.3 J**	**9.3 J**	**8.9 J**	**9.5 J**
Lead - Coarse Fraction	mg/kg		2460	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg		2460	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (fine/coarse fraction)	mg/kg		2460	700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	1000000		8000	*10600* [d]	*17800* [d]	**1190**	**722**	**1840**	**654**	**4690**	**764**	**1470**	*52100* [d]	*17900* [d]	**1770**	*19200* [d]	*12400* [d]	*17600* [d]	*16700* [d]
Manganese	mg/kg	180000	72	1	*131 J* [bd]	*122 J* [bd]	*56.9 J* [d]	*61.7 J* [d]	*106 J* [bd]	*47.3 J* [d]	*126 J* [bd]	*73.9 J* [bd]	*344 J* [bd]	*127 J* [bd]	*600 J* [bd]	*170 J* [bd]	*409 J* [bd]	*311 J* [bd]	*420 J* [bd]	*417 J* [bd]
Mercury	mg/kg	47	0.1	1.7	**0.011 J**	**0.018 J**	**0.021 J**	**0.035 J**	**0.018 J**	**0.014 J**	**0.012 J**	**0.018 J**	**0.015 J**	**0.0053 J**	*0.18* [b]	**0.0087 J**	**0.027 J**	**0.026 J**	**0.019 J**	**0.024 J**
Nickel	mg/kg	1000000	172	100	**8.1**	**5.5**	**8.2**	**3.9**	**6.3**	**4.0**	**7.2**	**4.7**	**9.9**	**5.8**	**27.4**	**8.6**	**29.0**	**18.4**	**23.2**	**27.6**
Potassium	mg/kg				**427 J**	**268 J**	**251 J**	**172 J**	**312 J**	**236 J**	**438 J**	**151 J**	**396 J**	**265 J**	**439 J**	**372 J**	**2500**	**1670**	**1930**	**2960**
Selenium	mg/kg	78000	0.4	4	**0.26 J**	0.22 UJ	*0.86 J* [b]	**0.16 J**	**0.14 J**	**0.096 J**	**0.28 J**	0.21 UJ	**0.31 J**	*7.1 J* [bd]	*101 J* [bd]	**0.16 J**	0.25 U	**0.16 J**	0.24 U	**0.13 J**
Silver	mg/kg	200000	0.1	4.5	0.56 U	0.55 U	0.60 U	0.53 U	0.58 U	0.55 U	0.59 U	0.53 U	0.57 U	*0.22 J* [b]	*12.0* [bd]	0.55 U	0.63 U	0.59 U	0.59 U	0.64 U
Sodium	mg/kg	1000000		2500	112 U	109 U	119 U	107 U	116 U	110 U	119 U	106 U	113 U	**154**	**1430**	111 U	**205**	**148**	**138**	**227**
Thallium	mg/kg	15000	4.2	2.3	**0.090 J**	**0.071 J**	0.12 U	**0.065 J**	0.12 U	0.11 U	**0.11 J**	**0.064 J**	**0.072 J**	**0.070 J**	0.16 U	**0.075 J**	**0.36**	**0.17**	**0.32**	**0.29**
Vanadium	mg/kg	1000000	190	72	**8.3**	**10.5**	**7.6**	**6.8**	**11.4**	**7.7**	**9.6**	**7.5**	**12.7**	**10.1**	**26.7**	**11.6**	**25.2**	**18.4**	**22.3**	**26.1**
Zinc	mg/kg	1000000	372	2400	**19.3**	**22.1**	**316**	**14.2**	**17.5**	**10.2**	**21.0**	**13.2**	**39.4**	**219**	*2470* [bd]	**32.4**	**63.3 J**	**48.3 J**	**133 J**	**59.1**
PCBs																				
Aroclor-1016 (PCB-1016)	mg/kg				0.037 U	0.36 U	0.39 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.53 U	0.37 U	0.42 U	0.39 U	0.39 U	0.42 U
Aroclor-1221 (PCB-1221)	mg/kg				0.037 U	0.36 U	0.39 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.53 U	0.37 U	0.42 U	0.39 U	0.39 U	0.42 U
Aroclor-1232 (PCB-1232)	mg/kg				0.037 U	0.36 U	0.39 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.53 U	0.37 U	0.42 U	0.39 U	0.39 U	0.42 U
Aroclor-1242 (PCB-1242)	mg/kg				0.037 U	0.36 U	0.39 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.53 U	0.37 U	0.42 U	0.39 U	0.39 U	0.42 U
Aroclor-1248 (PCB-1248)	mg/kg				0.037 U	0.36 U	0.39 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.53 U	0.37 U	0.42 U	**0.048 J**	0.39 U	**0.04 J**
Aroclor-1254 (PCB-1254)	mg/kg				0.037 U	0.36 U	0.39 U	0.35 U	0.38 U	0.36 U	0.39 U	0.35 U	0.37 U	0.36 U	0.53 U	0.37 U	0.42 U	0.39 U	0.39 U	0.42 U
Aroclor-1260 (PCB-1260)	mg/kg				0.037 U	**0.013 J**	**0.49**	**0.018 J**	0.38 U	**1.1**	**0.43**	0.35 U	0.37 U	**0.28 J**	**2**	0.37 U	0.42 U	**0.074 J**	0.39 U	**0.0089 J**
Total PCBs	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.5
PAOC 18 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-75*	*SB18-75*	*SB18-76*	*SB18-76*	*SB18-77*	*SB18-77*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-203*	*SB18-209*	*SB18-210*	*SB18-211*	*SB18-214*	*SB18-218*	*SB18-218*
Sample Depth:					*(0-2)*	*(4-5)*	*(0-2)*	*(10-12)*	*(0-2)*	*(9-10)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(2-3)*	*(1.5-2.5)*	*(1.5-2.5)*	*(1-2)*	*(0-2)*	*(0-2)*
Sample ID:					*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*	*SO-17303-060205-DR-0719*	*SO-17303-060205-DR-0720*	*SO-17303-060205-DR-0721*	*SO-17303-060205-DR-0722*	*SO-17303-081105-DR-0872*	*SO-17303-081105-DR-0873*	*SO-17303-081105-DR-0874*	*SO-17303-081105-DR-0875*	*SO-17303-081605-DR-0877*	*SO-17303-081605-DR-0878*
Sample Date:					*5/19/2004*	*5/19/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*5/24/2004*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*6/2/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/11/2005*	*8/16/2005*	*8/16/2005*
Sample Type:																				*Duplicate*
Parameter:	*Units*	*a*	*b*	*d*																
Metals																				
Aluminum	mg/kg	1000000		1	*5260* [d]	*10000* [d]	*3680* [d]	*1570* [d]	*3380* [d]	*1570* [d]	--	--	--	--	--	--	--	--	--	--
Antimony	mg/kg	49000	94	4.3	0.56 UJ	0.60 UJ	0.54 UJ	0.55 UJ	0.54 UJ	0.54 UJ	**0.093 J**	**0.044 J**	R	**0.022 J**	**0.013 J**	R	R	R	**0.021 J**	**0.017 J**
Arsenic	mg/kg	2000	70	4.6	**3.6**	**4.3**	**2.2**	**2.0**	**2.1**	**3.5**	**1.6**	**1.6**	**3.0**	**4.2**	--	--	--	--	--	--
Barium	mg/kg	1000000	1220	1300	**32.5 J**	**65.3 J**	**15.7**	**6.8**	**16.3**	**7.6**	**12.7**	**15.0**	**21.2**	**12.1**	**69.7**	**51.5**	**63.7**	**51.5**	**57.4**	**47.9**
Beryllium	mg/kg	1000000	951	51	**0.25**	**0.47**	**0.098 J**	**0.043 J**	**0.11 J**	**0.080 J**	0.16 U	0.16 U	0.16 U	0.16 U	--	--	--	--	--	--
Cadmium	mg/kg	230000	3	6	**0.14 J**	**0.17 J**	**0.26**	**0.092**	**0.080**	**0.13**	**0.029 J**	**0.046 J**	0.080 U	**0.040 J**	**1.0 J**	**0.46 J**	**0.61 J**	**0.59 J**	**0.42**	**0.35**
Calcium	mg/kg				**39400**	**65300 J**	**664**	**18600**	**636**	**23000**	--	--	--	--	--	--	--	--	--	--
Chromium Total	mg/kg	140000	3.3	30	*10.1 J* [b]	*17.3 J* [b]	*5.8 J* [b]	*4.7 J* [b]	*5.8 J* [b]	*4.6 J* [b]	*5.8* [b]	*6.4* [b]	*9.9* [b]	*5.4* [b]	*13.1* [b]	*12.1* [b]	*12.8* [b]	*11.3* [b]	*11.9* [b]	*10.1* [b]
Cobalt	mg/kg	48000	2	0.8	*5.2* [bd]	*9.3* [bd]	*1.9* [d]	*1.7* [d]	*2.3* [bd]	*2.0* [d]	*2.3* [bd]	*2.3* [bd]	*4.3* [bd]	*2.7* [bd]	*7.8* [bd]	*5.9* [bd]	*8.3* [bd]	*6.6* [bd]	*8.4* [bd]	*7.1* [bd]
Copper	mg/kg	1000000	165	5800	**11.6 J**	**21.2 J**	3.2 U	**4.3**	**4.1**	**8.0**	**2.9**	**3.2**	**9.4**	**6.3**	--	--	--	--	--	--
Iron	mg/kg	1000000		6	*10600* [d]	*19300* [d]	*5330* [d]	*5060* [d]	*5260* [d]	*7020* [d]	--	--	--	--	--	--	--	--	--	--
Lead	mg/kg		2460	700	**6.8 J**	**9.3 J**	**4.0 J**	**4.0 J**	**7.0 J**	**2.3 J**	--	--	--	--	--	--	--	--	--	--
Lead - Coarse Fraction	mg/kg		2460	700	--	--	--	--	--	--	**2.8**	**2.9**	**5.6**	**6.1**	**30.6 J**	**11.9 J**	**15.9 J**	**32.9 J**	**13.0**	**12.8**
Lead - Fine Fraction	mg/kg		2460	700	--	--	--	--	--	--	**3.4**	**3.0**	**5.8**	**2.4**	**97.8 J**	**59.6 J**	**87.5 J**	**55.3 J**	**54.7**	**32.3**
Lead - Total (fine/coarse fraction)	mg/kg		2460	700	--	--	--	--	--	--	**3.0**	**3.0**	**5.8**	**2.7**	**45.2 J**	**23.6 J**	**35.1 J**	**39.2 J**	**24.1**	**17.8**
Magnesium	mg/kg	1000000		8000	*9500* [d]	*17600* [d]	**808**	**3460**	**839**	**4420**	--	--	--	--	--	--	--	--	--	--
Manganese	mg/kg	180000	72	1	*266 J* [bd]	*430 J* [bd]	*72.4 J* [bd]	*125 J* [bd]	*79.6 J* [bd]	*197 J* [bd]	*71.0* [d]	*84.3* [bd]	*97.5* [bd]	*273* [bd]	*354* [bd]	*292* [bd]	*351* [bd]	*325* [bd]	*351* [bd]	*348* [bd]
Mercury	mg/kg	47	0.1	1.7	**0.015 J**	**0.023 J**	**0.013 J**	**0.018 J**	**0.023 J**	**0.0095 J**	**0.0084 J**	**0.013 J**	**0.012 J**	0.040 U	0.040 U	0.040 U	0.040 U	0.040 U	**0.024 J**	**0.027 J**
Nickel	mg/kg	1000000	172	100	**13.4**	**24.2**	**4.4**	**3.4**	**4.8**	**6.2**	**4.9**	**5.0**	**9.2**	**6.9**	--	--	--	--	--	--
Potassium	mg/kg				**1190**	**2300**	**139 J**	**167 J**	**151 J**	**247 J**	--	--	--	--	--	--	--	--	--	--
Selenium	mg/kg	78000	0.4	4	**0.13 J**	**0.19 J**	**0.11 J**	0.22 U	0.22 U	**0.13 J**	**0.23**	**0.15 J**	**0.15 J**	**0.097 J**	*3.1 J* [b]	0.32 UJ	0.39 UJ	0.37 UJ	**0.22**	**0.16**
Silver	mg/kg	200000	0.1	4.5	0.56 U	0.60 U	0.54 U	0.55 U	0.54 U	0.54 U	**0.015 J**	**0.027 J**	**0.037 J**	**0.030 J**	**0.097**	**0.10**	*0.13* [b]	**0.089**	**0.062 J**	**0.060 J**
Sodium	mg/kg	1000000		2500	113 U	**121**	108 U	111 U	108 U	109 U	--	--	--	--	--	--	--	--	--	--
Thallium	mg/kg	15000	4.2	2.3	**0.15**	**0.27**	**0.041 J**	**0.038 J**	**0.029 J**	**0.049 J**	**0.039 J**	**0.038 J**	**0.080**	**0.070 J**	--	--	--	--	--	--
Vanadium	mg/kg	1000000	190	72	**13.7**	**23.5**	**8.6**	**5.7**	**8.1**	**8.4**	**9.7**	**9.2**	**17.5**	**10.2**	--	--	--	--	--	--
Zinc	mg/kg	1000000	372	2400	**31.2**	**54.0**	**21.8 J**	**23.8 J**	**15.2 J**	**18.0 J**	**11.0**	**13.2**	**21.4**	**15.4**	**49.5**	**41.6**	**48.6**	**47.1**	**36.2**	**35.4**
PCBs																				
Aroclor-1016 (PCB-1016)	mg/kg				0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1221 (PCB-1221)	mg/kg				0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1232 (PCB-1232)	mg/kg				0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1242 (PCB-1242)	mg/kg				0.37 U	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Aroclor-1248 (PCB-1248)	mg/kg				**0.027 J**	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	**0.031 J**	**0.15 J**	**0.13 J**	**0.046 J**	0.26 U	0.26 U
Aroclor-1254 (PCB-1254)	mg/kg				0.37 U	0.4 U	0.36 U	0.37 U	**0.021 J**	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	**0.014 J**	**0.0079 J**
Aroclor-1260 (PCB-1260)	mg/kg				**0.024 J**	0.4 U	0.36 U	0.37 U	0.36 U	0.36 U	0.33 U	1.6 U	1.6 U	0.26 UJ	**0.0098 J**	**0.043 J**	**0.038 J**	**0.019 J**	0.26 U	0.26 U
Total PCBs	mg/kg				--	--	--	--	--	--	0.33 U	1.6 U	1.6 U	0.26 UJ	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.5
PAOC 18 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB18-219*	*SB19-12*	*SB19-12*	*SB19-13*	*SB19-13*	*SB19-13*	*SB19-16*	*SB19-16*
Sample Depth:					*(0-2)*	*(3-5)*	*(7-9)*	*(0-2)*	*(2-4)*	*(8-10)*	*(0-2)*	*(4-6)*
Sample ID:					*SO-17303-081605-DR-0879*	*S-17303-112103-DD-239*	*S-17303-112103-DD-240*	*S-17303-112103-DD-236*	*S-17303-112103-DD-237*	*S-17303-112103-DD-238*	*S-17303-111403-DD-213*	*S-17303-111403-DD-214*
Sample Date:					*8/16/2005*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/21/2003*	*11/14/2003*	*11/14/2003*
Sample Type:												
Parameter:	*Units*	*a*	*b*	*d*								
Metals												
Aluminum	mg/kg	1000000		1	--	*3060* [d]	*4300* [d]	*3450* [d]	*3400* [d]	*13100* [d]	*3010* [d]	*2450* [d]
Antimony	mg/kg	49000	94	4.3	**0.026 J**	**1.4**	**2.3**	**4.0**	*18.2* [d]	*449* [bd]	0.54 U	**0.31 J**
Arsenic	mg/kg	2000	70	4.6	--	**1.8**	**2.9**	**2.6**	**2.6**	**4.0**	**1.5**	*5.8* [d]
Barium	mg/kg	1000000	1220	1300	**55.5**	**16.7**	**41.9**	**203**	**225**	**454**	**39.1**	**9.9**
Beryllium	mg/kg	1000000	951	51	--	0.23 U	0.22 U	0.22 U	0.22 U	**0.091 J**	0.22 U	0.24 U
Cadmium	mg/kg	230000	3	6	**0.45**	**0.50**	**0.70**	*8.3* [bd]	**1.4**	*68.3* [bd]	**1.6**	**0.073**
Calcium	mg/kg				--	**1030**	**11300**	**10800**	**17000**	**3080**	**1040**	**10700**
Chromium Total	mg/kg	140000	3.3	30	*10.8* [b]	*35.8* [bd]	*214* [bd]	*28.9* [b]	*28.2* [b]	*6190* [bd]	*8.2* [b]	*5.4* [b]
Cobalt	mg/kg	48000	2	0.8	*7.3* [bd]	*3.6* [bd]	*7.0 J* [bd]	*5.0* [bd]	*3.6* [bd]	*67.8* [bd]	*1.8* [d]	*2.6* [bd]
Copper	mg/kg	1000000	165	5800	--	**12.0**	**8.6 J**	**12.5**	**12.6**	*373* [b]	**2.3**	**5.8**
Iron	mg/kg	1000000		6	--	*5030* [d]	*6640* [d]	*5440* [d]	*5030* [d]	*10700* [d]	*4630* [d]	*7240* [d]
Lead	mg/kg		2460	700	--	**24.1**	**32.3**	**50.3**	**32.6**	*2540* [bd]	**18.5**	**2.8**
Lead - Coarse Fraction	mg/kg		2460	700	**38.9**	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg		2460	700	**29.4**	--	--	--	--	--	--	--
Lead - Total (fine/coarse fraction)	mg/kg		2460	700	**37.2**	--	--	--	--	--	--	--
Magnesium	mg/kg	1000000		8000	--	**809**	**4400**	**6340**	*8630* [d]	**719**	**471**	**2720**
Manganese	mg/kg	180000	72	1	*313* [bd]	*44.9* [d]	*112* [bd]	*89.0* [bd]	*89.2* [bd]	*120* [bd]	*199* [bd]	*104* [bd]
Mercury	mg/kg	47	0.1	1.7	**0.023 J**	0.11 U	**0.030 J**	**0.029 J**	**0.024 J**	*2.6* [bd]	0.11 U	0.12 U
Nickel	mg/kg	1000000	172	100	--	**6.6**	**8.1 J**	**6.7**	**5.6**	**39.1**	**3.0**	**6.6**
Potassium	mg/kg				--	**238 J**	**340 J**	**251 J**	**256 J**	**1830**	**116 J**	**285 J**
Selenium	mg/kg	78000	0.4	4	**0.21**	0.23 U	0.22 U	*2.5* [b]	**0.32**	**0.25 J**	*0.83* [b]	**0.094 J**
Silver	mg/kg	200000	0.1	4.5	**0.063 J**	0.57 U	0.55 U	0.55 U	0.55 U	*69.4* [bd]	0.54 U	0.60 U
Sodium	mg/kg	1000000		2500	--	247 U	212 U	305 U	296 U	**1060**	108 U	120 U
Thallium	mg/kg	15000	4.2	2.3	--	**0.052 J**	**0.15**	**0.038 J**	**0.049 J**	6.4 U	0.54 U	0.60 U
Vanadium	mg/kg	1000000	190	72	--	**8.6**	**11.1**	**7.9**	**7.6**	**12.5**	**7.0**	**8.4**
Zinc	mg/kg	1000000	372	2400	**39.9**	**91.6**	*545 J* [b]	**181**	**165**	*10900* [bd]	**28.5**	**18.4**
PCBs												
Aroclor-1016 (PCB-1016)	mg/kg				0.26 U	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U
Aroclor-1221 (PCB-1221)	mg/kg				0.26 U	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U
Aroclor-1232 (PCB-1232)	mg/kg				0.26 U	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U
Aroclor-1242 (PCB-1242)	mg/kg				0.26 U	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U
Aroclor-1248 (PCB-1248)	mg/kg				0.26 U	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U
Aroclor-1254 (PCB-1254)	mg/kg				**0.0091 J**	0.75 U	0.37 U	0.37 U	0.36 U	2.1 U	0.36 U	0.4 U
Aroclor-1260 (PCB-1260)	mg/kg				0.26 U	**7**	**3**	**0.19 J**	**0.28 J**	**11**	0.36 U	0.4 U
Total PCBs	mg/kg				--	--	--	--	--	--	--	--

Notes:

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GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

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TABLE - 2.6

PAOC 18 DNAPL ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Sample Location:		*MW18-01*	*MW18-02*	*MW18-02*
Sample ID:		*L-17303-082504-BW-001*	*O-17303-052804-DR-358*	*L-17303-082504-BW-002*
Sample Date:		*8/25/2004*	*5/28/2004*	*8/25/2004*
Parameters:	*Units*			
VOCs				
1,1,1-Trichloroethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,1,2,2-Tetrachloroethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,1,2-Trichloroethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,1-Dichloroethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,1-Dichloroethene	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,2,4-Trichlorobenzene	mg/kg	14000 J	8300 J	33000 J
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg	ND(22000)	ND(26000)	ND(44000)
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,2-Dichlorobenzene	mg/kg	ND(22000)	ND(26000)	ND(44000)
1,2-Dichloroethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,2-Dichloropropane	mg/kg	ND(11000)	ND(14000)	ND(23000)
1,3-Dichlorobenzene	mg/kg	ND(22000)	ND(26000)	ND(44000)
1,4-Dichlorobenzene	mg/kg	ND(22000)	ND(26000)	ND(44000)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	ND(45000)	ND(55000)	ND(91000)
2-Hexanone	mg/kg	ND(45000)	ND(55000)	ND(91000)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	ND(45000)	ND(55000)	ND(91000)
Acetone	mg/kg	ND(45000)	20000 J	ND(91000)
Benzene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Bromodichloromethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
Bromoform	mg/kg	ND(11000)	ND(14000)	ND(23000)
Bromomethane (Methyl Bromide)	mg/kg	ND(22000)	ND(26000)	ND(44000)
Carbon disulfide	mg/kg	ND(11000)	ND(14000)	ND(23000)
Carbon tetrachloride	mg/kg	ND(11000)	ND(14000)	ND(23000)
Chlorobenzene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Chloroethane	mg/kg	ND(22000)	ND(26000)	ND(44000)
Chloroform (Trichloromethane)	mg/kg	ND(11000)	ND(14000)	ND(23000)
Chloromethane (Methyl Chloride)	mg/kg	ND(22000)	ND(26000)	8300 J
cis-1,2-Dichloroethene	mg/kg	14000	3700 J	ND(11000)
cis-1,3-Dichloropropene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Cyclohexane	mg/kg	ND(45000)	ND(55000)	ND(91000)
Dibromochloromethane	mg/kg	ND(11000)	ND(14000)	ND(23000)
Dichlorodifluoromethane (CFC-12)	mg/kg	ND(22000)	ND(26000)	ND(44000)
Ethylbenzene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Isopropylbenzene	mg/kg	ND(22000)	ND(26000)	ND(44000)
Methyl acetate	mg/kg	ND(22000)	ND(26000)	ND(44000)
Methyl cyclohexane	mg/kg	ND(11000)	ND(14000)	ND(23000)
Methyl Tert Butyl Ether	mg/kg	ND(45000)	ND(55000)	ND(91000)
Methylene chloride	mg/kg	ND(11000)	ND(14000)	9700 J B
Styrene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Tetrachloroethene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Toluene	mg/kg	ND(11000)	ND(14000)	ND(23000)
trans-1,2-Dichloroethene	mg/kg	ND(5600)	ND(6800)	ND(11000)
trans-1,3-Dichloropropene	mg/kg	ND(11000)	ND(14000)	ND(23000)
Trichloroethene	mg/kg	310000	390000	410000
Trichlorofluoromethane (CFC-11)	mg/kg	ND(22000)	ND(26000)	ND(44000)
Trifluorotrichloroethane (Freon 113)	mg/kg	ND(45000)	ND(55000)	ND(91000)
Vinyl chloride	mg/kg	ND(22000)	ND(26000)	ND(44000)
Xylene (total)	mg/kg	33000	ND(14000)	43000
TCLP VOCs				
1,1-Dichloroethene	mg/L	ND(12000)	--	ND(25000)
1,2-Dichloroethane	mg/L	ND(12000)	--	ND(25000)
2-Butanone (Methyl Ethyl Ketone)	mg/L	ND(25000)	--	ND(50000)
Benzene	mg/L	ND(12000)	--	ND(25000)
Carbon tetrachloride	mg/L	ND(12000)	--	ND(25000)
Chlorobenzene	mg/L	ND(12000)	--	ND(25000)
Chloroform (Trichloromethane)	mg/L	ND(12000)	--	ND(25000)
Tetrachloroethene	mg/L	ND(12000)	--	ND(25000)
Trichloroethene	mg/L	380000	--	460000
Vinyl chloride	mg/L	ND(12000)	--	ND(25000)

TABLE - 2.6

PAOC 18 DNAPL ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Sample Location:		*MW18-01*	*MW18-02*	*MW18-02*
Sample ID:		*L-17303-082504-BW-001*	*O-17303-052804-DR-358*	*L-17303-082504-BW-002*
Sample Date:		*8/25/2004*	*5/28/2004*	*8/25/2004*
Parameters:	*Units*			
SVOCs				
2,4,5-Trichlorophenol	mg/kg	ND(100)	ND(200)	ND(100)
2,4,6-Trichlorophenol	mg/kg	ND(100)	ND(200)	ND(100)
2,4-Dichlorophenol	mg/kg	ND(100)	ND(200)	ND(100)
2,4-Dimethylphenol	mg/kg	ND(100)	ND(200)	ND(100)
2,4-Dinitrophenol	mg/kg	ND(480)	ND(960)	ND(480)
2,4-Dinitrotoluene	mg/kg	ND(100)	ND(200)	ND(100)
2,6-Dinitrotoluene	mg/kg	ND(100)	ND(200)	ND(100)
2-Chloronaphthalene	mg/kg	ND(100)	ND(200)	ND(100)
2-Chlorophenol	mg/kg	ND(100)	ND(200)	ND(100)
2-Methylnaphthalene	mg/kg	33 J	50 J	52 J
2-Methylphenol	mg/kg	ND(100)	ND(200)	ND(100)
2-Nitroaniline	mg/kg	ND(480)	ND(960)	ND(480)
2-Nitrophenol	mg/kg	ND(100)	ND(200)	ND(100)
3,3'-Dichlorobenzidine	mg/kg	ND(480)	ND(960)	ND(480)
3-Nitroaniline	mg/kg	ND(480)	ND(960)	ND(480)
4,6-Dinitro-2-methylphenol	mg/kg	ND(480)	ND(960)	ND(480)
4-Bromophenyl phenyl ether	mg/kg	ND(100)	ND(200)	ND(100)
4-Chloro-3-methylphenol	mg/kg	ND(100)	ND(200)	ND(100)
4-Chloroaniline	mg/kg	ND(100)	ND(200)	ND(100)
4-Chlorophenyl phenyl ether	mg/kg	ND(100)	ND(200)	ND(100)
4-Methylphenol	mg/kg	ND(100)	ND(200)	ND(100)
4-Nitroaniline	mg/kg	ND(480)	ND(960)	ND(480)
4-Nitrophenol	mg/kg	ND(480)	ND(960)	ND(480)
Acenaphthene	mg/kg	ND(100)	ND(200)	ND(100)
Acenaphthylene	mg/kg	ND(100)	ND(200)	ND(100)
Acetophenone	mg/kg	ND(100)	ND(200)	ND(100)
Anthracene	mg/kg	ND(100)	ND(200)	ND(100)
Atrazine	mg/kg	ND(100)	ND(200)	ND(100)
Benzaldehyde	mg/kg	ND(100)	ND(200)	ND(100)
Benzo(a)anthracene	mg/kg	ND(100)	ND(200)	ND(100)
Benzo(a)pyrene	mg/kg	ND(100)	ND(200)	ND(100)
Benzo(b)fluoranthene	mg/kg	ND(100)	ND(200)	ND(100)
Benzo(g,h,i)perylene	mg/kg	ND(100)	ND(200)	ND(100)
Benzo(k)fluoranthene	mg/kg	ND(100)	ND(200)	ND(100)
Biphenyl	mg/kg	ND(100)	ND(200)	ND(100)
bis(2-Chloroethoxy)methane	mg/kg	ND(100)	ND(200)	ND(100)
bis(2-Chloroethyl)ether	mg/kg	ND(100)	ND(200)	ND(100)
bis(2-Ethylhexyl)phthalate	mg/kg	ND(100)	ND(200)	ND(100)
Butyl benzylphthalate	mg/kg	ND(100)	ND(200)	ND(100)
Caprolactam	mg/kg	ND(100)	ND(200)	ND(100)
Carbazole	mg/kg	ND(100)	ND(200)	ND(100)
Chrysene	mg/kg	13 J	ND(200)	21 J
Dibenz(a,h)anthracene	mg/kg	ND(100)	ND(200)	ND(100)
Dibenzofuran	mg/kg	ND(100)	ND(200)	ND(100)
Diethyl phthalate	mg/kg	ND(100)	ND(200)	ND(100)
Dimethyl phthalate	mg/kg	ND(100)	ND(200)	ND(100)
Di-n-butylphthalate	mg/kg	58 J	82 J	95 J
Di-n-octyl phthalate	mg/kg	ND(100)	ND(200)	ND(100)
Fluoranthene	mg/kg	15 J	ND(200)	ND(100)
Fluorene	mg/kg	11 J	ND(200)	ND(100)
Hexachlorobenzene	mg/kg	ND(100)	ND(200)	ND(100)
Hexachlorobutadiene	mg/kg	ND(100)	ND(200)	ND(100)
Hexachlorocyclopentadiene	mg/kg	ND(480)	ND(960)	ND(480)
Hexachloroethane	mg/kg	ND(100)	ND(200)	ND(100)
Indeno(1,2,3-cd)pyrene	mg/kg	ND(100)	ND(200)	ND(100)
Isophorone	mg/kg	ND(100)	ND(200)	ND(100)
Naphthalene	mg/kg	65 J	52 J	53 J
Nitrobenzene	mg/kg	ND(100)	ND(200)	ND(100)
N-Nitrosodi-n-propylamine	mg/kg	ND(100)	ND(200)	ND(100)
N-Nitrosodiphenylamine	mg/kg	ND(100)	ND(200)	ND(100)
Pentachlorophenol	mg/kg	ND(100)	ND(200)	ND(100)
Phenanthrene	mg/kg	35 J	28 J	32 J
Phenol	mg/kg	ND(100)	ND(200)	ND(100)
Pyrene	mg/kg	12 J	ND(200)	ND(100)

TABLE - 2.6

PAOC 18 DNAPL ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Sample Location:		*MW18-01*	*MW18-02*	*MW18-02*
Sample ID:		*L-17303-082504-BW-001*	*O-17303-052804-DR-358*	*L-17303-082504-BW-002*
Sample Date:		*8/25/2004*	*5/28/2004*	*8/25/2004*
Parameters:	*Units*			
TCLP SVOCs				
1,4-Dichlorobenzene	mg/L	71 J	--	280
2,4,5-Trichlorophenol	mg/L	ND(80)	--	ND(100)
2,4,6-Trichlorophenol	mg/L	ND(80)	--	ND(100)
2,4-Dinitrotoluene	mg/L	ND(80)	--	ND(100)
2-Methylphenol	mg/L	ND(80)	--	ND(100)
3&4-Methylphenol	mg/L	ND(160)	--	ND(200)
Hexachlorobenzene	mg/L	ND(80)	--	ND(100)
Hexachlorobutadiene	mg/L	ND(80)	--	ND(100)
Hexachloroethane	mg/L	ND(80)	--	ND(100)
Nitrobenzene	mg/L	ND(80)	--	ND(100)
Pentachlorophenol	mg/L	ND(160)	--	ND(200)
Pyridine	mg/L	170	--	590
Metals				
Aluminum	mg/kg	232	255	240
Antimony	mg/kg	0.44 B	0.38 J	0.26 B
Arsenic	mg/kg	ND(1.0)	0.42 J	ND(1.0)
Barium	mg/kg	1.8 B	1.6 J	1.7 B
Beryllium	mg/kg	ND(0.50)	ND(0.50)	ND(0.50)
Cadmium	mg/kg	1.4	0.078 J	0.041 B
Calcium	mg/kg	210 B	ND(500)	80.8 B
Chromium Total	mg/kg	55.6	40.3 J	40.0
Cobalt	mg/kg	0.48 B	0.99 J	0.91 B
Copper	mg/kg	1.3 B J	0.69 J	0.69 B J
Cyanide (total)	mg/kg	--	0.31 J	--
Iron	mg/kg	1200	661	686
Lead	mg/kg	15.5	2.8	2.3
Magnesium	mg/kg	32.2 B J	ND(500)	6.5 B J
Manganese	mg/kg	4.0	5.0	3.8
Mercury	mg/kg	ND(0.10)	ND(0.10)	ND(0.10)
Nickel	mg/kg	0.87 B	1.2 J	1.3 B
Potassium	mg/kg	24.6 B J	ND(500)	24.2 B J
Selenium	mg/kg	0.50	0.43 J	0.30 B
Silver	mg/kg	ND(1.0)	ND(1.0)	ND(1.0)
Sodium	mg/kg	86.6 B	ND(500)	ND(500)
Thallium	mg/kg	0.50 B	ND(1.0)	0.37 B
Vanadium	mg/kg	0.27 B	0.54 J	0.41 B
Zinc	mg/kg	5.9	8.5	6.0
TCLP Metals				
Arsenic	mg/L	ND(0.50)	--	ND(0.50)
Barium	mg/L	ND(10.0)	--	ND(10.0)
Cadmium	mg/L	0.87	--	ND(0.10)
Chromium Total	mg/L	34.4	--	45.5
Lead	mg/L	9.6	--	2.8
Mercury	mg/L	ND(0.033)	--	ND(0.033)
Selenium	mg/L	ND(0.50)	--	ND(0.50)
Silver	mg/L	ND(0.50)	--	ND(0.50)
PCBs				
Aroclor-1016 (PCB-1016)	mg/kg	ND(10)	ND(5000)	ND(100)
Aroclor-1221 (PCB-1221)	mg/kg	ND(10)	ND(5000)	ND(100)
Aroclor-1232 (PCB-1232)	mg/kg	ND(10)	ND(5000)	ND(100)
Aroclor-1242 (PCB-1242)	mg/kg	ND(10)	ND(5000)	ND(100)
Aroclor-1248 (PCB-1248)	mg/kg	ND(10)	ND(5000)	ND(100)
Aroclor-1254 (PCB-1254)	mg/kg	ND(10)	ND(5000)	ND(100)
Aroclor-1260 (PCB-1260)	mg/kg	87	15000	1000
General Chemistry				
Ignitability	deg f	>180	--	>180
pH Corrosivity	S.U.	6.0	--	6.0
Reactive Cyanide	mg/kg	ND(200)	--	ND(200)
Reactive Sulfide	mg/kg	ND(500)	--	ND(500)

Notes:
B Method blank contamination
J The associated value is an estimated quantity
ND ( ) Not detected above the value in parenthesis

TABLE - 2.7
PAOC 19 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*MW-4*	*MW-7*	*MW-5*	*MW-14*	*MW19-01*	*MW19-02*	*MW19-02*	*MW19-03*	*MW19-06*	*MW19-07*	*MW19-08*	*MW19-11*	*MW19-22*	*MW19-23*	*MW19-24*
Depth																				
Sample ID:						*WG-17303-060607-EV-020*	*WG-17303-080805-DR-0837*	*GW-17303-030106-NR-0935*	*WG-17303-060507-EV-012*	*WG-17303-060607-DR-019*	*WG-17303-060607-DR-015*	*WG-17303-060607-DR-016*	*WG-17303-060507-DR-011*	*GW-17303-120103-DCR-248*	*WG-17303-060507-DR-007*	*GW-17303-120103-DCR-253*	*GW-17303-120103-DCR-251*	*GW-17303-120303-DCR-268*	*GW-17303-120303-DCR-269*	*WG-17303-060607-DR-018*
Sample Date:						*6/6/2007*	*8/8/2005*	*3/1/2006*	*6/5/2007*	*6/6/2007*	*6/6/2007*	*6/6/2007*	*6/5/2007*	*12/1/2003*	*6/5/2007*	*12/1/2003*	*12/1/2003*	*12/3/2003*	*12/3/2003*	*6/6/2007*
Sample Type:												*Duplicate*								
Parameter:	*Units*	*a*	*b*	*d*	*e*															
VOCs																				
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	0.077		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	0.2	1.6	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	0.0085	1.8	0.001 UJ	0.017 U	0.12 U	0.001 UJ	0.001 U	0.2 UJ	0.2 UJ	0.04 UJ	0.029 U	0.33 UJ	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,1,2-Trichloroethane	mg/L	21	0.012	0.005	5.6	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,1-Dichloroethane	mg/L	2400	0.74	0.88	13	0.001 U	0.017 U	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,1-Dichloroethene	mg/L	11	0.024	0.007	2.3	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,2,3-Trichloropropane	mg/L	84		0.042		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	0.07	0.2	0.005 U	0.083 U	0.62 U	0.005 U	0.005 U	1 U	1 U	0.2 U	0.14 U	1.7 U	5 U	1.7 U	0.005 U	0.005 U	0.14 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	0.063	0.31	0.001 U	--	--	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	--	0.33 U	--	--	--	--	0.029 U
1,2-Dibromo-3-chloropropane	mg/L	0.39		0.0002		0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,2-Dibromoethane	mg/L	0.025	0.00005	0.00005	0.28	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,2-Dichlorobenzene	mg/L	160	0.016	0.6	0.28	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,2-Dichloroethane	mg/L	19	0.006	0.005	15	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,2-Dichloropropane	mg/L	16	0.0091	0.005	4.0	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	0.072	0.81	0.001 U	--	--	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	--	0.33 U	--	--	--	--	0.029 U
1,3-Dichlorobenzene	mg/L	2	0.038	0.0066	0.2	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	0.075	0.2	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
2-Butanone	mg/L	240000	2.2	13	40	0.025 U	0.42 U	3.1 U	0.025 U	0.025 U	5 U	5 U	1 U	0.71 U	8.3 U	25 U	8.3 U	0.025 U	0.025 U	0.71 U
2-Hexanone	mg/L	5200		1		0.05 U	0.83 U	6.2 U	0.05 U	0.05 U	10 U	10 U	2 U	1.4 U	17 U	50 U	17 U	0.05 U	0.05 U	1.4 U
4-Methyl-2-Pentanone	mg/L	13000		1.8		0.05 UJ	0.83 U	6.2 U	0.05 UJ	0.05 UJ	10 UJ	10 UJ	2 U	1.4 U	17 U	50 U	17 U	0.05 U	0.05 U	1.4 UJ
Acetone	mg/L	31000	1.7	0.73	30	0.025 U	0.42 U	3.1 U	0.025 U	0.025 U	5 U	5 U	1 U	0.71 U	8.3 U	25 U	8.3 U	0.025 U	0.025 U	0.71 U
Benzene	mg/L	11	0.012	0.005	1.8	0.001 U	*0.15* [bd]	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	*0.034* [bd]
Bromodichloromethane	mg/L	14		0.08		0.001 U	0.017 UJ	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Bromoform	mg/L	140		0.08		0.001 U	0.017 UJ	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Bromomethane	mg/L	70	0.035	0.01	0.64	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Carbon disulfide	mg/L	1200		0.8		0.005 U	0.083 U	0.62 U	0.005 U	0.005 U	1 U	1 U	0.2 U	0.14 U	1.7 U	5 U	1.7 U	0.005 U	0.005 U	0.14 U
Carbon tetrachloride	mg/L	4.6	0.0056	0.005	1.6	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Chlorobenzene	mg/L	86	0.047	0.1	0.85	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Chlorobromomethane	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/L	440		0.43	20	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Chloroform	mg/L	150	0.077	0.08	2.6	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Chloromethane	mg/L	490		0.26		**0.00018 J**	0.017 U	R	0.001 U	**0.0002 J**	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
cis-1,2-Dichloroethene	mg/L	200	0.62	0.07	11	**0.00028 J**	0.017 U	*3 J* [bd]	0.001 U	0.001 U	*6.4* [bd]	*6.5* [bd]	*0.67* [bd]	*0.16* [d]	*5.5* [bd]	*9.3* [bd]	*7.7* [bd]	0.001 U	**0.00064 J**	*0.27* [d]
cis-1,3-Dichloropropene	mg/L					0.001 U	0.017 UJ	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Cyclohexane	mg/L					0.001 U	**0.009 J**	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Dibromochloromethane	mg/L	18		0.08		0.001 U	0.017 UJ	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Dibromomethane	mg/L	530		0.08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		1.7		0.001 U	0.017 U	0.12 U	0.001 UJ	0.001 UJ	0.2 U	0.2 U	0.04 UJ	0.029 U	0.33 UJ	1 U	0.33 U	0.001 U	0.001 U	0.029 UJ
Ethyl Ether	mg/L	35000		0.01		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/L	170	0.018	0.074	0.32	0.001 U	*0.079* [bd]	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Iodomethane	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.7
PAOC 19 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		***GCC***	***GSI***	***RDW***	***FAV***	***MW-4***	***MW-7***	***MW-5***	***MW-14***	***MW19-01***	***MW19-02***	***MW19-02***	***MW19-03***	***MW19-06***	***MW19-07***	***MW19-08***	***MW19-11***	***MW19-22***	***MW19-23***	***MW19-24***
Depth																				
Sample ID:						***WG-17303-060607-EV-020***	***WG-17303-080805-DR-0837***	***GW-17303-030106-NR-0935***	***WG-17303-060507-EV-012***	***WG-17303-060607-DR-019***	***WG-17303-060607-DR-015***	***WG-17303-060607-DR-016***	***WG-17303-060507-DR-011***	***GW-17303-120103-DCR-248***	***WG-17303-060507-DR-007***	***GW-17303-120103-DCR-253***	***GW-17303-120103-DCR-251***	***GW-17303-120303-DCR-268***	***GW-17303-120303-DCR-269***	***WG-17303-060607-DR-018***
Sample Date:						***6/6/2007***	***8/8/2005***	***3/1/2006***	***6/5/2007***	***6/6/2007***	***6/6/2007***	***6/6/2007***	***6/5/2007***	***12/1/2003***	***6/5/2007***	***12/1/2003***	***12/1/2003***	***12/3/2003***	***12/3/2003***	***6/6/2007***
Sample Type:												***Duplicate***								
Parameter:	***Units***	***a***	***b***	***d***	***e***															
Isopropylbenzene	mg/L	56		0.8		0.005 U	**0.029 J**	0.62 U	0.005 U	0.005 U	1 U	1 U	0.2 U	0.14 U	1.7 U	5 U	1.7 U	0.005 U	0.005 U	0.14 U
Methyl acetate	mg/L					0.01 U	0.17 U	1.2 U	0.01 UJ	0.01 U	2 U	2 U	0.4 UJ	0.29 U	3.3 UJ	10 U	3.3 U	0.01 U	0.01 U	0.29 U
Methyl cyclohexane	mg/L					0.001 U	0.017 U	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Methyl Tert Butyl Ether	mg/L	610	0.1	0.04	13	0.005 U	0.083 U	0.62 U	0.005 U	0.005 U	1 U	1 U	0.2 U	0.14 U	1.7 U	5 U	1.7 U	0.005 U	0.005 U	0.14 U
Methylene chloride	mg/L	220	0.047	0.005	17	0.005 U	0.083 U	0.62 U	0.005 U	0.005 U	1 U	1 U	0.2 U	0.14 U	1.7 U	5 U	1.7 U	0.005 U	0.005 U	0.14 U
m-xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	31	0.013	0.52	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/L	15		0.08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/L	9.7	0.08	0.1	2.9	0.001 U	0.017 UJ	0.12 UJ	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Tetrachloroethene	mg/L	12	0.011	0.005	0.71	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Toluene	mg/L	530	0.14	0.79	1.7	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	*0.6 J* [b]	0.33 U	0.001 U	0.001 U	0.029 U
trans-1,2-Dichloroethene	mg/L	220	1.5	0.1	28	0.001 U	0.017 U	**0.096 J**	0.001 U	0.001 U	*0.21* [d]	*0.21* [d]	**0.029 J**	**0.009 J**	*0.14 J* [d]	1 U	0.33 U	0.001 U	0.001 U	**0.012 J**
trans-1,3-Dichloropropene	mg/L					0.001 U	0.017 UJ	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
trans-1,4-Dichloro-2-butene	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	0.005	3.5	0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	*0.15 J* [bd]	0.001 U	0.001 U	0.029 U
Trichlorofluoromethane	mg/L	1100		2.6		0.001 U	0.017 U	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Trifluorotrichloroethane	mg/L	170	0.032	170	0.57	0.001 U	0.017 UJ	0.12 U	0.001 U	0.001 U	0.2 U	0.2 U	0.04 U	0.029 U	0.33 U	1 U	0.33 U	0.001 U	0.001 U	0.029 U
Vinyl chloride	mg/L	1	0.015	0.002	17	**0.00038 J**	0.017 U	*3.2 J* [abd]	0.001 U	**0.00041 J**	*7.6* [abd]	*7.7* [abd]	*1.3* [abd]	*0.78* [bd]	*11* [abd]	*23* [abde]	*8.4* [abd]	0.001 U	0.001 U	*0.75* [bd]
Xylene (total)	mg/L	190	0.035	0.28	0.63	0.002 U	*0.071 J* [b]	0.25 U	0.002 U	0.002 U	0.4 U	0.4 U	0.08 U	0.057 U	0.67 U	2 U	0.67 U	0.002 U	0.002 U	0.057 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.7
PAOC 19 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*SB19-29*	*SB19-30*	*SB19-31*	*SB19-32*	*SB19-33*	*SB19-34*	*SB19-35*	*SB19-35*	*SB19-36*	*SB19-40*	*SB19-42*	*SB19-43*	*SB19-44*	*SB19-44*	*SB19-45*	*SB19-46*	*SB19-47*	*SB19-48*
Depth						*(14-14)*	*(14-14)*	*(12.5-12.5)*	*(14.5-14.5)*	*(12-12)*	*(12-12)*	*(14-14)*	*(14-14)*	*(14-14)*	*(14-14)*	*(14-14)*							
Sample ID:						*GW-17303-022806-NR-0931*	*GW-17303-022806-NR-0930*	*GW-17303-022806-NR-0929*	*GW-17303-022806-NR-0928*	*GW-17303-022806-NR-0934*	*GW-17303-022806-NR-0932*	*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*	*GW-17303-053107-DR-004*	*GW-17303-053107-DR-002*	*GW-17303-053107-DR-003*	*GW-17303-053107-DR-001*	*GW-17303-053107-DR-005*	*GW-17303-053107-DR-006*	*GW-17303-053107-DR-007*
Sample Date:						*2/28/2006*	*2/28/2006*	*2/28/2006*	*2/28/2006*	*2/28/2006*	*2/28/2006*	*3/3/2006*	*3/3/2006*	*3/3/2006*	*3/3/2006*	*3/3/2006*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*
Sample Type:													*Duplicate*						*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*	*e*																		
VOCs																							
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	0.077		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	0.2	1.6	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	0.0085	1.8	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 UJ	0.02 UJ
1,1,2-Trichloroethane	mg/L	21	0.012	0.005	5.6	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,1-Dichloroethane	mg/L	2400	0.74	0.88	13	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,1-Dichloroethene	mg/L	11	0.024	0.007	2.3	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	0.12 U	0.12 U	0.25 [bd]	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.02 U	0.02 U
1,2,3-Trichloropropane	mg/L	84		0.042		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	0.07	0.2	4.2 U	8.3 U	0.31 U	0.25 U	1 U	0.5 U	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	0.1 U	0.1 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	0.063	0.31	--	--	--	--	--	--	--	--	--	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.02 U	0.02 U
1,2-Dibromo-3-chloropropane	mg/L	0.39		0.0002		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,2-Dibromoethane	mg/L	0.025	0.00005	0.00005	0.28	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,2-Dichlorobenzene	mg/L	160	0.016	0.6	0.28	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,2-Dichloroethane	mg/L	19	0.006	0.005	15	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,2-Dichloropropane	mg/L	16	0.0091	0.005	4.0	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	0.072	0.81	--	--	--	--	--	--	--	--	--	--	--	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.02 U	0.02 U
1,3-Dichlorobenzene	mg/L	2	0.038	0.0066	0.2	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	0.075	0.2	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
2-Butanone	mg/L	240000	2.2	13	40	21 U	42 U	1.6 U	1.2 U	5 U	2.5 U	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	0.5 U	0.5 U
2-Hexanone	mg/L	5200		1		42 U	83 U	3.1 U	2.5 UJ	10 U	5 U	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	1 U	1 UJ
4-Methyl-2-Pentanone	mg/L	13000		1.8		42 U	83 U	3.1 U	2.5 U	10 U	5 U	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	1 U	1 UJ
Acetone	mg/L	31000	1.7	0.73	30	21 U	42 U	1.6 U	1.2 U	5 U	2.5 U	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	0.5 U	0.5 U
Benzene	mg/L	11	0.012	0.005	1.8	0.83 U	1.7 U	0.062 U	*0.025 J* [bd]	0.2 U	0.1 U	0.12 U	0.12 U	0.25 U	*0.19 J* [bd]	*0.053* [bd]	0.001 U	0.001 U	0.001 U	0.001 U	**0.0026**	0.02 U	0.02 U
Bromodichloromethane	mg/L	14		0.08		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Bromoform	mg/L	140		0.08		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Bromomethane	mg/L	70	0.035	0.01	0.64	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Carbon disulfide	mg/L	1200		0.8		4.2 U	8.3 U	0.31 U	0.25 U	1 U	0.5 U	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	0.1 U	0.1 U
Carbon tetrachloride	mg/L	4.6	0.0056	0.005	1.6	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Chlorobenzene	mg/L	86	0.047	0.1	0.85	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Chlorobromomethane	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/L	440		0.43	20	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Chloroform	mg/L	150	0.077	0.08	2.6	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Chloromethane	mg/L	490		0.26		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
cis-1,2-Dichloroethene	mg/L	200	0.62	0.07	11	*6.2* [bd]	*5.5* [bd]	*0.075* [d]	**0.017 J**	*4.8* [bd]	*3.9* [bd]	*2.3* [bd]	*2.3* [bd]	*7.9 J* [bd]	0.2 UJ	**0.031 J**	0.001 U	0.001 U	0.001 U	0.001 U	**0.0061**	*0.49* [d]	*0.5* [d]
cis-1,3-Dichloropropene	mg/L					0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Cyclohexane	mg/L					0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Dibromochloromethane	mg/L	18		0.08		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Dibromomethane	mg/L	530		0.08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		1.7		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Ethyl Ether	mg/L	35000		0.01		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/L	170	0.018	0.074	0.32	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	0.12 U	0.12 U	0.25 U	0.2 U	*0.025 J* [b]	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.02 U	0.02 U
Iodomethane	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.7
PAOC 19 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*SB19-29*	*SB19-30*	*SB19-31*	*SB19-32*	*SB19-33*	*SB19-34*	*SB19-35*	*SB19-35*	*SB19-36*	*SB19-40*	*SB19-42*	*SB19-43*	*SB19-44*	*SB19-44*	*SB19-45*	*SB19-46*	*SB19-47*	*SB19-48*
Depth						*(14-14)*	*(14-14)*	*(12.5-12.5)*	*(14.5-14.5)*	*(12-12)*	*(12-12)*	*(14-14)*	*(14-14)*	*(14-14)*	*(14-14)*	*(14-14)*							
Sample ID:						*GW-17303-022806-NR-0931*	*GW-17303-022806-NR-0930*	*GW-17303-022806-NR-0929*	*GW-17303-022806-NR-0928*	*GW-17303-022806-NR-0934*	*GW-17303-022806-NR-0932*	*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*	*WG-17303-053107-DR-006*	*WG-17303-053107-DR-007*
Sample Date:						*2/28/2006*	*2/28/2006*	*2/28/2006*	*2/28/2006*	*2/28/2006*	*2/28/2006*	*3/3/2006*	*3/3/2006*	*3/3/2006*	*3/3/2006*	*3/3/2006*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*	*5/31/2007*
Sample Type:													*Duplicate*						*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*	*e*																		
Isopropylbenzene	mg/L	56		0.8		4.2 U	8.3 U	0.31 U	0.25 U	1 U	0.5 U	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	0.1 U	0.1 U
Methyl acetate	mg/L					8.3 U	17 U	0.62 U	0.5 U	2 U	1 U	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	0.2 U	0.2 U
Methyl cyclohexane	mg/L					0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Methyl Tert Butyl Ether	mg/L	610	0.1	0.04	13	4.2 U	8.3 U	0.31 U	0.25 U	1 U	0.5 U	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	0.1 U	0.1 U
Methylene chloride	mg/L	220	0.047	0.005	17	4.2 U	8.3 U	0.31 U	0.25 U	1 U	0.5 U	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	0.1 U	0.1 U
m-xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	31	0.013	0.52	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/L	15		0.08		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/L	9.7	0.08	0.1	2.9	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Tetrachloroethene	mg/L	12	0.011	0.005	0.71	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Toluene	mg/L	530	0.14	0.79	1.7	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	0.12 U	0.12 U	0.25 U	*0.18 J* [b]	**0.085**	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	0.02 U	0.02 U
trans-1,2-Dichloroethene	mg/L	220	1.5	0.1	28	*0.14 J* [d]	1.7 U	0.062 U	0.05 U	*0.18 J* [d]	*0.21* [d]	*0.13* [d]	*0.11 J* [d]	*0.94* [d]	0.2 U	0.05 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U	**0.026**	**0.032**
trans-1,3-Dichloropropene	mg/L					0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
trans-1,4-Dichloro-2-butene	mg/L					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	0.005	3.5	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Trichlorofluoromethane	mg/L	1100		2.6		0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Trifluorotrichloroethane	mg/L	170	0.032	170	0.57	0.83 U	1.7 U	0.062 U	0.05 U	0.2 U	0.1 U	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	0.02 U	0.02 U
Vinyl chloride	mg/L	1	0.015	0.002	17	*17* [abd]	*44* [abde]	*1.7* [abd]	*1.5* [abd]	*6.6* [abd]	*2.8* [abd]	*4.8 J* [abd]	*4.4* [abd]	*4* [abd]	*5.1* [abd]	*1.5* [abd]	0.001 U	*0.0024* [d]	*0.0021* [d]	0.001 U	*0.077* [bd]	*0.64* [bd]	*0.46 J* [bd]
Xylene (total)	mg/L	190	0.035	0.28	0.63	1.7 U	3.3 U	0.12 U	0.1 U	0.4 U	0.2 U	0.25 U	0.25 U	0.5 U	0.4 U	*0.055 J* [b]	0.002 U	0.002 U	0.002 U	0.002 U	0.005 U	0.04 U	0.04 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.8
PAOC 19 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*MW19-01*	*MW19-01*	*MW19-02*	*MW19-02*	*MW19-03*	*MW19-03*	*MW19-03*	*MW19-04*	*MW19-04*	*MW19-05*	*MW19-24*	*SB19-01*	*SB19-01*	*SB19-01*	*SB19-02*	*SB19-02*	*SB19-03*
Sample Depth:					*(0-2)*	*(12.5-14.5)*	*(0-2)*	*(12-14)*	*(0-2)*	*(0-2)*	*(11-13)*	*(0-2)*	*(7-9)*	*(0-2)*	*(12-13)*	*(0-2)*	*(0-2)*	*(10-12)*	*(0-2)*	*(8.5-10.5)*	*(0-2)*
Sample ID:					*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*	*S-17303-112003-DD-219*	*S-17303-112003-DD-220*	*S-17303-111103-DD-199*	*S-17303-051804-DCR-325*	*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*	*S-17303-111403-DD-229*
Sample Date:					*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/11/2003*	*5/18/2004*	*11/13/2003*	*11/13/2003*	*11/13/2003*	*11/13/2003*	*11/13/2003*	*11/14/2003*
Sample Type:										*Duplicate*							*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*																	
VOCs																					
1,1,1,2-Tetrachloroethane	mg/kg	440		1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	4	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	0.17	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
1,1,2-Trichloroethane	mg/kg	420	6.6	0.1	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
1,1-Dichloroethane	mg/kg	890	15	18	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
1,1-Dichloroethene	mg/kg	220	1.3	0.14	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
1,2,3-Trichloropropane	mg/kg	830		0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	4.2	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		0.01	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
1,2-Dibromoethane	mg/kg	0.5	0.02	0.02	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
1,2-Dichlorobenzene	mg/kg	210	0.36	14	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
1,2-Dichloroethane	mg/kg	380	7.2	0.1	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
1,2-Dichloroethene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	0.1	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1	0.17	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
1,3-Dichloropropene	mg/kg	110		0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	1.7	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
1-Chloro-2,3-epoxypropane	mg/kg	220		0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	260	0.75 U	0.77 U	0.72 U	0.67 UJ	0.75 U	0.72 U	0.7 U	0.68 U	0.78 U	0.67 U	0.75 U	0.7 U	0.73 U	0.75 U	0.68 U	0.81 U	1.2 U
2-Hexanone	mg/kg	2500		20	2.5 U	2.6 U	2.4 U	2.2 UJ	2.5 U	2.4 U	2.3 U	2.3 U	2.6 U	2.2 U	2.5 U	2.3 U	2.4 U	2.5 U	2.3 U	2.7 U	4.1 U
2-Nitropropane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		36	2.5 U	2.6 U	2.4 U	2.2 UJ	2.5 U	2.4 U	2.3 U	2.3 U	2.6 U	2.2 U	2.5 U	2.3 U	2.4 U	2.5 U	2.3 U	2.7 U	4.1 U
Acetone	mg/kg	110000	34	15	**0.17 J**	**0.18 J**	0.72 U	0.67 UJ	0.75 U	**0.16 J**	**0.18 J**	**0.16 J**	**0.17 J**	0.67 U	0.75 U	0.7 U	0.73 U	0.75 U	0.68 U	0.81 U	1.2 U
alpha-methylstyrene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	0.1	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Bromobenzene	mg/kg	360		0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		1.6	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
Bromoform	mg/kg	870		1.6	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
Bromomethane	mg/kg	1400	0.7	0.2	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
Carbon disulfide	mg/kg	280		16	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
Carbon tetrachloride	mg/kg	92	0.9	0.1	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Chlorobenzene	mg/kg	260	0.94	2	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Chlorobromomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		8.6	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
Chloroform	mg/kg	1500	3.4	1.6	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Chloromethane	mg/kg	1100		5.2	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
cis-1,2-Dichloroethene	mg/kg	640	12	1.4	0.05 U	0.051 U	0.048 U	**0.85 J**	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	**0.12**
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	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 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	1.1 U	1.3 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	**0.037 J**	1.3 U	2 U
Cyclohexanone	mg/kg	220000		5200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		1.6	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Dibromomethane	mg/kg	2000		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		95	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
Ethyl Ether	mg/kg	7400		0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/kg	140	0.36	1.5	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	**0.015 J**	0.054 U	0.083 U

TABLE - 2.8
PAOC 19 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*MW19-01*	*MW19-01*	*MW19-02*	*MW19-02*	*MW19-03*	*MW19-03*	*MW19-03*	*MW19-04*	*MW19-04*	*MW19-05*	*MW19-24*	*SB19-01*	*SB19-01*	*SB19-01*	*SB19-02*	*SB19-02*	*SB19-03*
Sample Depth:					*(0-2)*	*(12.5-14.5)*	*(0-2)*	*(12-14)*	*(0-2)*	*(0-2)*	*(11-13)*	*(0-2)*	*(7-9)*	*(0-2)*	*(12-13)*	*(0-2)*	*(0-2)*	*(10-12)*	*(0-2)*	*(8.5-10.5)*	*(0-2)*
Sample ID:					*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*	*S-17303-112003-DD-219*	*S-17303-112003-DD-220*	*S-17303-111103-DD-199*	*S-17303-051804-DCR-325*	*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*	*S-17303-111403-DD-229*
Sample Date:					*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/20/2003*	*11/11/2003*	*5/18/2004*	*11/13/2003*	*11/13/2003*	*11/13/2003*	*11/13/2003*	*11/13/2003*	*11/14/2003*
Sample Type:										*Duplicate*							*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*																	
Iodomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		91	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 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	1.1 U	1.3 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 U	2 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	1.1 U	1.3 U	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U	**0.11 J**	1.3 U	2 U
Methyl Tert Butyl Ether	mg/kg	5900	15	0.8	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
Methylene chloride	mg/kg	2300	19	0.1	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
Naphthalene	mg/kg	2100	0.87	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	2.7	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Tetrachloroethene	mg/kg	88	0.9	0.1	0.05 U	0.051 U	0.048 U	**0.015 J**	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
Toluene	mg/kg	250	2.8	16	**0.018 J**	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	**0.055 J**	0.11 U	0.17 U
trans-1,2-Dichloroethene	mg/kg	1400	30	2	0.05 U	0.051 U	0.048 U	**0.058 J**	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 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	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	0.083 U
trans-1,4-Dichloro-2-butene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	0.1	0.05 U	0.051 U	0.048 U	0.044 UJ	0.05 U	0.048 U	0.047 U	0.046 U	0.052 U	0.045 U	0.05 U	0.047 U	0.048 U	0.05 U	0.045 U	0.054 U	2.2 [d]
Trichlorofluoromethane	mg/kg	560		52	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	0.25 U	0.26 U	0.24 U	0.22 UJ	0.25 U	0.24 U	0.23 U	0.23 U	0.26 U	0.22 U	0.25 U	0.23 U	0.24 U	0.25 U	0.23 U	0.27 U	0.41 U
Vinyl chloride	mg/kg	20	0.3	0.04	0.099 U	0.1 U	0.095 U	0.089 UJ	0.1 U	0.096 U	0.094 U	0.091 U	0.1 U	0.09 U	0.1 U	0.093 U	0.097 U	0.099 U	0.091 U	0.11 U	0.17 U
Xylene (total)	mg/kg	150	0.7	5.6	**0.06 J**	0.51 U	0.48 U	0.44 UJ	0.5 U	0.48 U	0.47 U	0.46 U	0.52 U	0.45 U	0.5 U	0.47 U	0.48 U	0.5 U	**0.13 J**	0.54 U	0.83 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.8
PAOC 19 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB19-03*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-02*	*SB24-02*	*SB24-02*	*SB24-02*
Sample Depth:					*(7.5-9.5)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*	*(9-11)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*
Sample ID:					*S-17303-111403-DD-230*	*SO-17303-060305-DR-0723*	*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:					*11/14/2003*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*
Sample Type:										*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*										
VOCs														
1,1,1,2-Tetrachloroethane	mg/kg	440		1.5	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	4	0.21 U	0.04 U	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	94	1.6	0.17	0.42 U	0.04 U	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	420	6.6	0.1	0.21 U	0.04 U	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	890	15	18	0.21 U	0.04 U	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	220	1.3	0.14	0.21 U	0.04 U	0.04 U	0.04 U	10 U	7.8 U	**0.014 J**	0.04 U	0.04 U	0.04 U
1,2,3-Trichloropropane	mg/kg	830		0.84	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	4.2	1 U	0.2 U	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	2.1	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		0.01	1 U	*0.086 J* [d]	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	mg/kg	0.5	0.02	0.02	1 U	0.2 U	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	210	0.36	14	0.42 U	0.08 U	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	380	7.2	0.1	0.21 U	0.04 U	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-Dichloroethene	mg/kg				--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	0.1	0.21 U	0.04 U	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	1.8	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1	0.17	0.42 U	0.08 U	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
1,3-Dichloropropene	mg/kg	110		0.17	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	1.7	0.42 U	0.08 U	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
1-Chloro-2,3-epoxypropane	mg/kg	220		0.1	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	260	3.1 U	0.6 U	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	2500		20	10 U	2 U	2 U	2 U	520 U	390 U	2.4 U	2 U	2 U	2 U
2-Nitropropane	mg/kg				--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		36	10 U	2 U	2 U	2 U	520 U	390 U	2.4 U	2 U	2 U	2 U
Acetone	mg/kg	110000	34	15	3.1 U	0.6 U	0.6 U	0.6 U	160 U	120 U	0.73 U	0.6 U	0.6 U	0.6 U
alpha-methylstyrene	mg/kg				--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	0.1	0.21 U	0.04 U	**0.0086 J**	**0.021 J**	*8.4 J* [bd]	*8* [bd]	0.049 U	0.04 U	0.04 U	0.04 U
Bromobenzene	mg/kg	360		0.55	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		1.6	0.42 U	0.08 U	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	870		1.6	0.42 U	0.08 U	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Bromomethane	mg/kg	1400	0.7	0.2	1 U	0.16 U	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	280		16	1 U	0.2 U	**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	92	0.9	0.1	0.21 U	0.04 U	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	260	0.94	2	0.21 U	0.04 U	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Chlorobromomethane	mg/kg				--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		8.6	1 U	0.2 U	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Chloroform	mg/kg	1500	3.4	1.6	0.21 U	0.04 U	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Chloromethane	mg/kg	1100		5.2	1 U	0.2 U	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	640	12	1.4	**0.29**	0.04 U	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				0.21 U	0.04 U	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				5 U	0.96 U	**0.043 J**	**0.06 J**	**20 J**	**18 J**	1.2 U	0.96 U	0.96 U	0.96 U
Cyclohexanone	mg/kg	220000		5200	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg				--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		1.6	0.21 U	0.04 U	0.04 U	0.04 UJ	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Dibromomethane	mg/kg	2000		1.6	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		95	0.42 U	0.08 U	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Ethyl Ether	mg/kg	7400		0.2	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/kg	140	0.36	1.5	0.21 U	0.04 U	**0.12**	*0.87 J* [b]	*240* [abd]	*250* [abd]	0.049 U	0.04 U	**0.36**	*0.88* [b]

TABLE - 2.8
PAOC 19 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		***GCPC***	***GSIPC***	***RDWPC***	***SB19-03***	***SB24-01***	***SB24-01***	***SB24-01***	***SB24-01***	***SB24-01***	***SB24-02***	***SB24-02***	***SB24-02***	***SB24-02***
Sample Depth:					***(7.5-9.5)***	***(0-3)***	***(3-6)***	***(6-9)***	***(9-11)***	***(9-11)***	***(0-3)***	***(3-6)***	***(6-9)***	***(9-11)***
Sample ID:					***S-17303-111403-DD-230***	***SO-17303-060305-DR-0723***	***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:					***11/14/2003***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***
Sample Type:										***Duplicate***				
Parameter:	***Units***	***a***	***b***	***d***										
Iodomethane	mg/kg				--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		91	1 U	0.2 U	**0.055 J**	**0.11 J**	**22 J**	**26 J**	0.24 U	0.2 U	**0.23**	**0.33**
Methyl acetate	mg/kg				5 U	0.96 U	**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				5 U	**0.038 J**	**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	mg/kg	5900	15	0.8	1 U	0.2 U	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	2300	19	0.1	1 U	0.2 U	0.2 U	0.2 U	52 U	39 U	0.24 U	0.2 U	0.2 U	0.2 U
Naphthalene	mg/kg	2100	0.87	35	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300		1.6	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	2.7	0.21 U	0.04 U	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	88	0.9	0.1	0.21 U	0.04 U	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	250	2.8	16	0.42 U	0.08 U	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	1400	30	2	0.21 U	0.04 U	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				0.21 U	0.04 U	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
trans-1,4-Dichloro-2-butene	mg/kg				--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	0.1	***6.8*** [bd]	0.04 U	0.04 U	0.04 U	10 U	7.8 U	0.049 U	0.04 U	0.04 U	0.04 U
Trichlorofluoromethane	mg/kg	560		52	0.42 U	0.08 U	0.08 U	0.08 U	21 U	16 U	0.098 U	0.08 U	0.08 U	0.08 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	1 U	0.2 U	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	20	0.3	0.04	0.42 U	0.032 U	0.032 U	0.032 U	8.3 U	6.2 U	0.039 U	0.032 U	0.032 U	0.032 U
Xylene (total)	mg/kg	150	0.7	5.6	2.1 U	0.12 U	**0.03 J**	**0.15**	***700*** [abd]	***730*** [abd]	0.15 U	0.12 U	0.12 U	0.12 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.9
PAOC 19 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-02*	*SB24-02*	*SB24-02*	*SB24-02*
Sample Depth:					*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*	*(9-11)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*
Sample ID:					*SO-17303-060305-DR-0723*	*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:					*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*
Sample Type:									*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*									
SVOCs													
2,2'-oxybis(1-Chloropropane)	mg/kg				0.26 U	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	9100		39	0.26 U	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	200	0.33	2.4	0.26 U	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	960	0.38	1.5	0.26 U	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	10000	7.6	7.4	0.26 U	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	0.15 U	0.3 U	1 U	0.15 U	0.15 U	1.5 U	6 U
2,4-Dinitrotoluene	mg/kg	170		0.43	0.26 U	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	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
2-Chloronaphthalene	mg/kg	2300		620	0.26 U	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	1900	0.44	0.9	0.26 U	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	5500		57	0.26 U	0.26 U	**0.017 J**	**1**	**4**	**0.02 J**	0.26 U	2.6 U	**24**
2-Methylphenol	mg/kg	16000	1.4	7.4	0.26 U	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	0.2 U	0.4 U	1.3 U	0.2 U	0.2 U	2 U	8 U
2-Nitrophenol	mg/kg	1600		0.4	0.26 U	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 UJ	2.6 UJ	11 UJ
3&4-Methylphenol	mg/kg	16000	1.4	7.4	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/kg	4.6	2	2	1.6 U	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	0.2 U	0.4 U	1.3 U	0.2 U	0.2 U	2 U	8 U
4,6-Dinitro-2-methylphenol	mg/kg	190		0.83	0.15 U	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	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
4-Chloro-3-methylphenol	mg/kg	3000	0.28	5.8	0.26 U	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	0.15 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	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
4-Methylphenol	mg/kg	16000	1.4	7.4	0.26 U	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	0.2 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	0.33 U	0.66 U	2.2 U	0.33 U	0.33 U	3.3 U	13 U
Acenaphthene	mg/kg	970	4.4	300	0.26 U	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	440		5.9	0.26 U	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	1100		30	0.26 U	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	41		41	**0.018 J**	**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	110	0.15	0.06	0.04 U	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	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Benzo(a)anthracene	mg/kg				**0.048 J**	**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				**0.052 J**	**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				**0.062 J**	**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				**0.03 J**	**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				**0.028 J**	**0.045 J**	**0.07 J**	**0.05 J**	1.8 U	**0.017 J**	**0.054 J**	2.6 U	11 U
Biphenyl	mg/kg				0.26 U	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	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
bis(2-Chloroethyl)ether	mg/kg	110	0.30	0.1	0.08 U	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	mg/kg				**0.03 J**	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	mg/kg	310	26	310	0.26 U	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	1000000		120	0.26 U	**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	820	1.1	9.4	0.26 U	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				**0.055 J**	**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	0.26 U	**0.032 J**	**0.044 J**	1.8 U	0.26 U	**0.028 J**	2.6 U	11 U
Dibenzofuran	mg/kg		1.7		0.26 U	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	740	2.2	110	0.26 U	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	790		790	0.26 U	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	mg/kg	760	11	760	0.26 U	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	mg/kg	140000		100000	0.26 U	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	730	5.5	730	**0.12 J**	**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	890	5.3	390	**0.014 J**	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	8.2	0.35	1.8	0.26 U	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	350	0.091	26	0.04 U	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	720		320	0.26 U	0.26 U	0.26 U	0.53 U	1.8 U	0.26 U	0.26 U	2.6 U	11 U
Hexachloroethane	mg/kg	110	1.8	0.43	0.26 U	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				**0.027 J**	**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	2400	11	15	0.26 U	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	2100	0.87	35	0.26 U	0.26 U	**0.04 J**	*2* [b]	*9.3* [b]	0.26 U	0.26 U	2.6 U	*4.4 J* [b]
Nitrobenzene	mg/kg	220	3.6	0.33	0.26 U	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	7.2		0.33	0.26 U	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	700		5.4	0.26 U	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	4.3	17	0.022	0.15 U	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	1100	5.3	56	**0.091 J**	**0.088 J**	**0.34 J**	**0.21 J**	**1.1 J**	**0.019 J**	**0.049 J**	**0.63 J**	**4.4 J**
Phenol	mg/kg	12000	4.2	88	0.26 U	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	480		480	**0.099 J**	**0.12 J**	**0.32**	**0.14 J**	**0.42 J**	**0.038 J**	**0.14 J**	2.6 U	11 U
Pyridine	mg/kg	37		0.4	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.10
PAOC 19 METALS & PCBs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*MW-4*	*MW-13*	*MW-14*	*MW19-01*	*MW19-02*	*MW19-02*	*MW19-03*	*MW19-04*	*MW19-04*	*MW19-07*	*MW19-24*
Depth																
Sample ID:						*WG-17303-060607-EV-020*	*WG-17303-080805-DR-0836*	*WG-17303-060507-EV-012*	*WG-17303-060607-DR-019*	*WG-17303-060607-DR-015*	*WG-17303-060607-DR-016*	*WG-17303-060507-DR-011*	*WG-17303-080805-DR-0834*	*WG-17303-080805-DR-0835*	*WG-17303-060507-DR-007*	*WG-17303-060607-DR-018*
Sample Date:						*6/6/2007*	*8/8/2005*	*6/5/2007*	*6/6/2007*	*6/6/2007*	*6/6/2007*	*6/5/2007*	*8/8/2005*	*8/8/2005*	*6/5/2007*	*6/6/2007*
Sample Type:											*Duplicate*			*Duplicate*		
Metals																
Antimony	mg/L	68	0.002	0.006	2.3	**0.00034 J**	**0.00013 J**	**0.00027 J**	**0.00024 J**	**0.0003 J**	**0.0002 J**	**0.00015 J**	**0.0002 J**	**0.00015 J**	**0.00048 J**	**0.00025 J**
Arsenic	mg/L	4.3	0.05	0.01	0.68	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	**0.0045 J**
Barium	mg/L	14000	1.866	2	10.7	**0.327**	**0.0263 J**	**0.0407 J**	**0.112**	**0.0728 J**	**0.0724 J**	**0.0754 J**	**0.0251 J**	**0.0278 J**	**0.276**	**0.465**
Beryllium	mg/L	290	0.0753	0.004	1.35	0.001 U	0.001 U	0.001 U	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	190	0.0025	0.005	0.0373	**0.00038 J**	0.001 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.0005 U	0.0005 U
Chromium Total	mg/L	460	0.011	0.1		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
Chromium VI (Hexavalent)	mg/L	460	0.011	0.1		--	--	--	--	--	--	--	--	--	--	--
Cobalt	mg/L	2400	0.1	0.04	0.74	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	0.007 U
Copper	mg/L	7400	0.0287	1	0.0972	**0.0035**	**0.00052 J**	0.006 U	**0.0028**	**0.00076 J**	**0.00068 J**	0.002 U	**0.0008 J**	**0.00072 J**	0.002 U	**0.0013 J**
Iron	mg/L	58000		0.3		--	--	--	--	--	--	--	--	--	--	--
Iron (Dissolved)	mg/L	58000		0.3		--	--	--	--	--	--	--	--	--	--	--
Lead	mg/L		0.014	0.004	0.779	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	0.003 U
Manganese	mg/L	9100	3.6	0.05	27.6	*0.392* [d]	**0.0089 J**	*0.0956* [d]	**0.0193**	*0.0898* [d]	*0.0895* [d]	*0.2* [d]	0.015 U	0.015 U	*0.1* [d]	*0.327* [d]
Manganese (Dissolved)	mg/L	9100	3.6	0.05	27.6	--	--	--	--	--	--	--	--	--	--	--
Mercury	mg/L	0.056	0.0000013	0.002		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	0.0002 U
Nickel	mg/L	74000	0.165	0.1	2.97	**0.0053 J**	0.02 U	**0.0025 J**	**0.0028 J**	0.02 U	0.02 U	**0.0027 J**	**0.0029 J**	0.02 U	**0.0021 J**	**0.0017 J**
Selenium	mg/L	970	0.005	0.05	0.12	0.002 U	0.005 U	0.0029 U	**0.00072 J**	**0.0017 J**	**0.0016 J**	0.002 U	0.005 U	0.005 U	0.002 U	0.002 U
Silver	mg/L	1500	0.0002	0.034	0.0011	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	0.0002 U
Thallium	mg/L	13	0.002	0.002	0.094	**0.000064 J**	0.001 U	0.001 U	**0.00012 J**	0.001 U	0.001 U	**0.000086 J**	0.001 U	0.001 U	**0.000042 J**	0.001 U
Vanadium	mg/L	970	0.012	0.0045	0.22	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	0.004 U
Zinc	mg/L	110000	0.375	2.4	0.745	**0.0498**	0.02 U	0.01 U	**0.0071 J**	**0.006 J**	**0.0046 J**	0.01 U	0.02 U	0.02 U	0.01 U	**0.0145**
PCBs																
Aroclor-1016 (PCB-1016)	mg/L	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		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	0.0033	0.0002	0.0005		--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance (bolded PCB values indicate an exceedance)

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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

TABLE - 2.11
PAOC 19 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-01*	*SB24-02*	*SB24-02*	*SB24-02*	*SB24-02*
Sample Depth:					*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*	*(9-11)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*
Sample ID:					*SO-17303-060305-DR-0723*	*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:					*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*
Sample Type:									*Duplicate*				
Parameter:	*Units*	*a*	*b*	*d*									
Metals													
Aluminum	mg/kg	1000000		1	--	--	--	--	--	--	--	--	--
Antimony	mg/kg	49000	94	4.3	**0.048 J**	**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	2000	70	4.6	**2.6**	**2.8**	**2.5**	**3.6**	**2.6**	**2.5**	**2.2**	**1.4**	**2.4**
Barium	mg/kg	1000000	1220	1300	**36.7**	**33.2**	**34.6**	**73.7**	*2390* [bd]	**21.5**	**15.1**	**17.8**	**19.7**
Beryllium	mg/kg	1000000	951	51	**0.080 J**	**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	230000	3	6	**0.19**	**0.20**	**0.16**	**0.92**	*6.8* [bd]	**0.11**	**0.12**	**0.045 J**	**0.11**
Calcium	mg/kg				--	--	--	--	--	--	--	--	--
Chromium Total	mg/kg	140000	3.3	30	*53.7* [bd]	*23.6* [b]	*9.0* [b]	*17.8* [b]	*53.7* [bd]	*8.7* [b]	*7.2* [b]	*6.7* [b]	*8.1* [b]
Cobalt	mg/kg	48000	2	0.8	*5.6* [bd]	*3.4* [bd]	*3.2* [bd]	*7.3* [bd]	*2.9* [bd]	*2.9* [bd]	*2.6* [bd]	*2.2* [bd]	*2.7* [bd]
Copper	mg/kg	1000000	165	5800	**9.6**	**9.8**	**8.4**	**16.4**	**9.7**	**9.1**	**7.7**	**5.3**	**8.9**
Iron	mg/kg	1000000		6	--	--	--	--	--	--	--	--	--
Lead	mg/kg		2460	700	--	--	--	--	--	--	--	--	--
Lead - Coarse Fraction	mg/kg		2460	700	**31.9**	**14.5**	**12.2**	**88.6**	**44.4**	**22.3**	**7.3**	**11.9**	**11.4**
Lead - Fine Fraction	mg/kg		2460	700	**60.0**	**17.7**	**37.2**	**81.6**	**101**	**19.6**	**8.9**	**17.9**	**13.6**
Lead - Total (fine/coarse fraction)	mg/kg		2460	700	**38.5**	**15.5**	**18.7**	**87.1**	**62.9**	**21.8**	**7.3**	**13.7**	**12.2**
Magnesium	mg/kg	1000000		8000	--	--	--	--	--	--	--	--	--
Manganese	mg/kg	180000	72	1	*239* [bd]	*254* [bd]	*308* [bd]	*184* [bd]	*164* [bd]	*173* [bd]	*152* [bd]	*142* [bd]	*129* [bd]
Mercury	mg/kg	47	0.1	1.7	**0.043**	**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	1000000	172	100	**10.3**	**7.6**	**7.7**	**16.6**	**8.1**	**7.0**	**7.4**	**5.7**	**7.0**
Potassium	mg/kg				--	--	--	--	--	--	--	--	--
Selenium	mg/kg	78000	0.4	4	**0.094 J**	**0.12 J**	**0.15 J**	*0.79* [b]	*2.6* [b]	**0.096 J**	0.16 U	**0.085 J**	**0.10 J**
Silver	mg/kg	200000	0.1	4.5	**0.038 J**	**0.042 J**	**0.044 J**	**0.062 J**	**0.036 J**	**0.030 J**	**0.029 J**	**0.021 J**	**0.026 J**
Sodium	mg/kg	1000000		2500	--	--	--	--	--	--	--	--	--
Thallium	mg/kg	15000	4.2	2.3	**0.080**	**0.094**	**0.090**	**0.11**	**0.060 J**	**0.055 J**	**0.051 J**	**0.040 J**	**0.051 J**
Vanadium	mg/kg	1000000	190	72	**15.4**	**11.3**	**10.7**	**18.4**	**9.7**	**11.5**	**9.1**	**9.1**	**9.6**
Zinc	mg/kg	1000000	372	2400	**41.2**	**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	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	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	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	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	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	0.26 U
Aroclor-1260 (PCB-1260)	mg/kg				**0.049 J**	**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				**0.049 J**	**0.069 J**	0.26 U	**0.051 J**	**0.077 J**	**0.2 J**	**0.037 J**	0.26 U	**0.058 J**

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.12
PAOC 23 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*IW-2*	*IW-6*	*IW-6*	*IW-6*	*IW-6*	*IW-6*	*IW-9*	*IW-12*	*IW-14*	*IW-18*	*IW-20*	*IW-24*	*IW-24*	*IW-24*	*IW-24*
Depth								*(12.2-12.2)*	*(13.7-13.7)*	*(15.2-15.2)*	*(16.7-16.7)*	*(16.7-16.7)*						*(12-12)*	*(13.5-13.5)*	*(15-15)*	*(16.2-16.2)*
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*	*WG-17303-060507-DR-001*	*WG-17303-060507-DR-002*	*GW-17303-012904-MM-297*	*GW-17303-112602-MM-154*	*WG-17303-061605-DR-0792*	*WG-17303-080905-DR-0848*	*WG-17303-080905-DR-0849*	*WG-17303-080905-DR-0850*	*WG-17303-080905-DR-0851*
Sample Date:							*11/26/2002*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*6/5/2007*	*6/5/2007*	*1/29/2004*	*11/26/2002*	*6/16/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*
Sample Type:												*Duplicate*									
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*															
VOCs																					
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	96	0.077		0.001 U	--	--	--	--	--	--	--	--	0.001 U	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	1300	0.2	1.6	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	77	0.0085	1.8	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 UJ	1 UJ	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	mg/L	21	0.012	110	0.005	5.6	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	mg/L	2400	0.74	2300	0.88	13	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 UJ
1,1-Dichloroethene	mg/L	11	0.024	1.3	0.007	2.3	*0.077* [bd]	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	*1.3 J* [bd]	*0.33* [bd]	*0.054 J* [bd]	0.5 U	0.5 U	*0.095 J* [bd]
1,2,3-Trichloropropane	mg/L	84			0.042		0.001 U	--	--	--	--	--	--	--	--	0.001 U	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	300	0.07	0.2	0.001 U	8.3 U	12 U	12 U	12 U	12 U	2.1 U	5 U	5 U	0.001 U	0.62 U	1.2 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	56	0.063	0.31	0.001 U	--	--	--	--	--	0.42 U	1 U	--	*0.044* [b]	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/L	0.39		1.2	0.0002		0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,2-Dibromoethane	mg/L	0.025	0.00005	15	0.00005	0.28	--	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	--	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	mg/L	160	0.016	160	0.6	0.28	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	**0.002**	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,2-Dichloroethane	mg/L	19	0.006	59	0.005	15	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	mg/L	16	0.0091	36	0.005	4.0	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	61	0.072	0.81	0.001 U	--	--	--	--	--	0.42 U	1 U	--	**0.01**	--	--	--	--	--
1,3-Dichlorobenzene	mg/L	2	0.038		0.0066	0.2	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	74	0.075	0.2	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
2-Butanone	mg/L	240000	2.2	240000	13	40	0.025 U	42 U	62 U	62 U	62 U	62 U	10 U	25 U	25 U	0.025 U	3.1 U	6.2 U	12 U	12 U	12 UJ
2-Hexanone	mg/L	5200		8700	1		0.05 U	83 U	120 U	120 U	120 U	120 U	21 U	50 U	50 U	0.05 U	6.2 U	12 U	25 U	25 U	25 UJ
4-Methyl-2-Pentanone	mg/L	13000		20000	1.8		0.05 U	83 U	120 U	120 U	120 U	120 U	21 U	50 UJ	50 U	0.05 U	6.2 U	12 U	25 U	25 U	25 U
Acetone	mg/L	31000	1.7	1000000	0.73	30	0.025 U	42 U	62 U	62 U	62 U	62 U	10 U	25 U	25 U	0.025 U	*2 J* [bd]	6.2 U	12 U	12 U	12 U
Benzene	mg/L	11	0.012	35	0.005	1.8	*0.048* [bd]	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	*0.27 J* [bd]	1 U	*0.032* [bd]	0.12 U	*0.088 J* [bd]	*0.12 J* [bd]	*0.12 J* [bd]	*0.13 J* [bd]
Bromodichloromethane	mg/L	14		37	0.08		0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Bromoform	mg/L	140		3100	0.08		0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Bromomethane	mg/L	70	0.035	9	0.01	0.64	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	mg/L	1200		550	0.8		0.005 U	8.3 U	12 U	12 U	12 U	12 U	2.1 U	5 U	5 U	0.005 U	0.62 U	1.2 U	2.5 U	2.5 U	2.5 U
Carbon tetrachloride	mg/L	4.6	0.0056	2.4	0.005	1.6	0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Chlorobenzene	mg/L	86	0.047	470	0.1	0.85	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Chlorobromomethane	mg/L						0.001 U	--	--	--	--	--	--	--	--	0.001 U	--	--	--	--	--
Chloroethane	mg/L	440		5700	0.43	20	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Chloroform	mg/L	150	0.077	180	0.08	2.6	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	**0.001**	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Chloromethane	mg/L	490		45	0.26		0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	mg/L	200	0.62	210	0.07	11	*53* [bde]	*17* [bde]	*46* [bde]	*75* [bde]	*72* [bde]	*79* [bde]	*3.5* [bd]	*34* [bde]	*22* [bde]	*76* [bde]	*1.8* [bd]	*5.3* [bd]	*13* [bde]	*16* [bde]	*22 J* [bde]
cis-1,3-Dichloropropene	mg/L						0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Cyclohexane	mg/L						--	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	--	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Dibromochloromethane	mg/L	18		110	0.08		0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Dibromomethane	mg/L	530			0.08		0.001 U	--	--	--	--	--	--	--	--	0.001 U	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		300	1.7		0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 UJ	1 UJ	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Ethyl Ether	mg/L	35000		61000	0.01		0.02 U	--	--	--	--	--	--	--	--	0.02 U	--	--	--	--	--
Ethylbenzene	mg/L	170	0.018	170	0.074	0.32	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	*0.17* [bd]	*0.57* [bde]	0.25 U	0.5 U	0.5 U	0.5 U
Iodomethane	mg/L						0.01 U	--	--	--	--	--	--	--	--	0.01 U	--	--	--	--	--
Isopropylbenzene	mg/L	56		56	0.8		0.005 U	8.3 U	12 U	12 U	12 U	12 U	2.1 U	5 U	5 U	**0.016**	**0.021 J**	1.2 U	2.5 U	2.5 U	2.5 U
Methyl acetate	mg/L						--	17 U	25 U	25 U	25 U	25 U	4.2 UJ	10 UJ	10 U	--	1.2 U	2.5 U	5 U	5 U	5 U
Methyl cyclohexane	mg/L						--	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	--	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Methyl Tert Butyl Ether	mg/L	610	0.1	47000	0.04	13	--	8.3 U	12 U	12 U	12 U	12 U	2.1 U	5 U	5 U	--	0.62 U	1.2 U	2.5 U	2.5 U	2.5 U
Methylene chloride	mg/L	220	0.047	1400	0.005	17	0.005 U	8.3 U	12 U	12 U	12 U	12 U	2.1 U	5 U	5 U	0.005 U	*0.053 J* [bd]	1.2 U	2.5 U	2.5 U	2.5 U
m-xylene	mg/L	190	0.035	190	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	31	0.013	31	0.52	0.2	0.005 U	--	--	--	--	--	--	--	--	*0.02* [b]	--	--	--	--	--

TABLE - 2.12
PAOC 23 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*IW-2*	*IW-6*	*IW-6*	*IW-6*	*IW-6*	*IW-6*	*IW-9*	*IW-12*	*IW-14*	*IW-18*	*IW-20*	*IW-24*	*IW-24*	*IW-24*	*IW-24*
Depth								*(12.2-12.2)*	*(13.7-13.7)*	*(15.2-15.2)*	*(16.7-16.7)*	*(16.7-16.7)*						*(12-12)*	*(13.5-13.5)*	*(15-15)*	*(16.2-16.2)*
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*	*WG-17303-060507-DR-001*	*WG-17303-060507-DR-002*	*GW-17303-012904-MM-297*	*GW-17303-112602-MM-154*	*WG-17303-061605-DR-0792*	*WG-17303-080905-DR-0848*	*WG-17303-080905-DR-0849*	*WG-17303-080905-DR-0850*	*WG-17303-080905-DR-0851*
Sample Date:							*11/26/2002*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*6/5/2007*	*6/5/2007*	*1/29/2004*	*11/26/2002*	*6/16/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*
Sample Type:												*Duplicate*									
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*															
n-Propylbenzene	mg/L	15			0.08		0.005 U	--	--	--	--	--	--	--	--	**0.005**	--	--	--	--	--
o-Xylene	mg/L	190	0.035	190	0.28		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/L	9.7	0.08	310	0.1	2.9	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Tetrachloroethene	mg/L	12	0.011	170	0.005	0.71	0.001 U	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Toluene	mg/L	530	0.14	530	0.79	1.7	**0.11**	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	**0.13 J**	1 U	1 U	*1.4 J* [bd]	**0.083 J**	**0.056 J**	**0.1 J**	**0.12 J**	*0.16 J* [b]
trans-1,2-Dichloroethene	mg/L	220	1.5	200	0.1	28	*1.8 J* [bd]	*0.6 J* [d]	*1.2 J* [d]	*1.5 J* [d]	*1.5 J* [d]	*1.8 J* [bd]	**0.095 J**	*0.49 J* [d]	*0.51 J* [d]	*8.4* [bd]	*0.77* [d]	*0.78* [d]	*1.5* [d]	*1.8* [bd]	*1.9* [bd]
trans-1,3-Dichloropropene	mg/L						0.001 U	1.7 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	0.42 U	1 U	1 U	0.001 U	0.12 U	0.25 UJ	0.5 UJ	0.5 UJ	0.5 UJ
trans-1,4-Dichloro-2-butene	mg/L						0.05 U	--	--	--	--	--	--	--	--	0.05 U	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	97	0.005	3.5	*0.058* [bd]	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	*24* [abde]	*3.6* [bde]	0.25 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	mg/L	1100		1100	2.6		--	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	--	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Trifluorotrichloroethane	mg/L	170	0.032	170	170	0.57	--	1.7 U	2.5 U	2.5 U	2.5 U	2.5 U	0.42 U	1 U	1 U	--	0.12 U	0.25 U	0.5 U	0.5 U	0.5 U
Vinyl chloride	mg/L	1	0.015	13	0.002	17	*49* [abcde]	*40* [abcde]	*66* [abcde]	*79* [abcde]	*67* [abcde]	*71* [abcde]	*15* [abcd]	*26* [abcde]	*21* [abcde]	*17* [abcd]	*1.2* [abd]	*5.5* [abd]	*11* [abd]	*13* [abd]	*17 J* [abcd]
Xylene (total)	mg/L	190	0.035	190	0.28	0.63	*0.083* [b]	3.3 U	5 U	5 U	5 U	5 U	0.83 U	2 U	2 U	*1.36 J* [bde]	*0.89* [bde]	0.5 U	1 U	*0.23 J* [b]	*0.41 J* [bd]

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

ICGVIAIC Industrial & Commercial Groundwater Volatilization to Indoor Air Inhalation Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.12
PAOC 23 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*IW-26*	*IW-26R*	*IW-29*	*IW-30*	*IW-30*	*IW-33*	*IW-34*	*IW-34*	*IW-34*	*IW-34*	*IW-39*	*IW-39*	*MW19-09*	*MW19-10*	*MW19-25*
Depth													*(12-12)*	*(14-14)*	*(15.5-15.5)*	*(16.7-16.7)*					
Sample ID:							*GW-17303-112602-MM-151*	*GW-17303-120303-DCR-276*	*GW-17303-012904-MM-294*	*GW-17303-112602-MM-149*	*GW-17303-112602-MM-150*	*WG-17303-060507-DR-003*	*WG-17303-080905-DR-0852*	*WG-17303-080905-DR-0853*	*WG-17303-080905-DR-0854*	*WG-17303-080905-DR-0855*	*GW-17303-030106-NR-0936*	*GW-17303-030106-NR-0937*	*WG-17303-121305-NR-0907*	*WG-17303-061605-DR-0793*	*WG-17303-061605-DR-0796*
Sample Date:							*11/26/2002*	*12/3/2003*	*1/29/2004*	*11/26/2002*	*11/26/2002*	*6/5/2007*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*3/1/2006*	*3/1/2006*	*12/13/2005*	*6/16/2005*	*6/16/2005*
Sample Type:											*Duplicate*							*Duplicate*			
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*															
VOCs																					
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	96	0.077		0.001 U	--	--	0.001 U	0.001 U	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	1300	0.2	1.6	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	77	0.0085	1.8	0.001 U	1 U	1 U	0.001 U	0.001 U	2 UJ	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,1,2-Trichloroethane	mg/L	21	0.012	110	0.005	5.6	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,1-Dichloroethane	mg/L	2400	0.74	2300	0.88	13	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,1-Dichloroethene	mg/L	11	0.024	1.3	0.007	2.3	*0.02 J* [d]	1 U	1 U	*0.33 J* [bd]	*0.32 J* [bd]	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	*0.034 J* [bd]	3.3 U	0.071 U
1,2,3-Trichloropropane	mg/L	84			0.042		0.001 U	--	--	0.001 U	0.001 U	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	300	0.07	0.2	0.001 U	5 U	5 U	0.001 U	0.001 U	10 U	12 U	12 U	12 U	12 U	7.1 U	7.1 U	1.3 U	17 U	0.36 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	56	0.063	0.31	*0.036* [b]	--	--	*0.02* [b]	*0.02* [b]	2 U	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/L	0.39		1.2	0.0002		0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,2-Dibromoethane	mg/L	0.025	0.00005	15	0.00005	0.28	--	1 U	1 U	--	--	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,2-Dichlorobenzene	mg/L	160	0.016	160	0.6	0.28	0.001 U	1 U	1 U	**0.003**	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,2-Dichloroethane	mg/L	19	0.006	59	0.005	15	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,2-Dichloropropane	mg/L	16	0.0091	36	0.005	4.0	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	61	0.072	0.81	**0.007**	--	--	**0.007**	**0.008**	2 U	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/L	2	0.038		0.0066	0.2	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	74	0.075	0.2	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
2-Butanone	mg/L	240000	2.2	240000	13	40	0.025 U	25 U	25 U	0.025 U	0.025 U	50 U	62 U	62 U	62 U	62 U	36 U	36 U	6.3 U	83 U	1.8 U
2-Hexanone	mg/L	5200		8700	1		0.05 U	50 U	50 U	0.05 U	0.05 U	100 U	120 U	120 U	120 U	120 U	71 U	71 U	13 U	170 U	3.6 U
4-Methyl-2-Pentanone	mg/L	13000		20000	1.8		0.05 U	50 U	50 U	0.05 U	0.05 U	100 U	120 U	120 U	120 U	120 U	*5 J* [d]	*5.1 J* [d]	13 U	170 U	3.6 U
Acetone	mg/L	31000	1.7	1000000	0.73	30	0.025 U	25 U	25 U	0.025 U	0.025 U	50 U	62 U	*3.6 J* [bd]	*4.6 J* [bd]	*4.2 J* [bd]	36 U	36 U	6.3 U	*56 J* [bde]	*1.3 J* [d]
Benzene	mg/L	11	0.012	35	0.005	1.8	*0.021 J* [bd]	1 U	1 U	*0.16* [bd]	*0.15* [bd]	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Bromodichloromethane	mg/L	14		37	0.08		0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 UJ	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Bromoform	mg/L	140		3100	0.08		0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 UJ	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Bromomethane	mg/L	70	0.035	9	0.01	0.64	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Carbon disulfide	mg/L	1200		550	0.8		0.005 U	5 U	5 U	0.005 U	0.005 U	10 U	12 U	12 U	12 U	12 U	7.1 U	7.1 U	1.3 U	17 U	0.36 U
Carbon tetrachloride	mg/L	4.6	0.0056	2.4	0.005	1.6	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 UJ	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Chlorobenzene	mg/L	86	0.047	470	0.1	0.85	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Chlorobromomethane	mg/L						0.001 U	--	--	0.001 U	0.001 U	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/L	440		5700	0.43	20	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Chloroform	mg/L	150	0.077	180	0.08	2.6	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Chloromethane	mg/L	490		45	0.26		0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
cis-1,2-Dichloroethene	mg/L	200	0.62	210	0.07	11	*13* [bde]	*21* [bde]	*4.6* [bd]	*58* [bde]	*60* [bde]	*8.8* [bd]	*14* [bde]	*13* [bde]	*14* [bde]	*13* [bde]	*1 J* [bd]	*1 J* [bd]	*4.3* [bd]	*78* [bde]	*0.65* [bd]
cis-1,3-Dichloropropene	mg/L						0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 UJ	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Cyclohexane	mg/L						--	1 U	1 U	--	--	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Dibromochloromethane	mg/L	18		110	0.08		0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 UJ	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Dibromomethane	mg/L	530			0.08		0.001 U	--	--	0.001 U	0.001 U	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		300	1.7		0.001 U	1 U	1 U	0.001 U	0.001 U	2 UJ	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Ethyl Ether	mg/L	35000		61000	0.01		0.02 U	--	--	0.02 U	0.02 U	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/L	170	0.018	170	0.074	0.32	*0.028* [b]	1 U	1 U	**0.005**	**0.005**	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Iodomethane	mg/L						0.01 U	--	--	0.01 U	0.01 U	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/L	56		56	0.8		**0.058**	5 U	5 U	**0.094**	**0.094**	10 U	12 U	12 U	12 U	12 U	7.1 U	7.1 U	1.3 U	17 U	0.36 U
Methyl acetate	mg/L						--	10 U	10 U	--	--	20 UJ	25 U	25 U	25 U	25 U	14 U	14 U	2.5 U	33 U	0.71 U
Methyl cyclohexane	mg/L						--	1 U	1 U	--	--	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Methyl Tert Butyl Ether	mg/L	610	0.1	47000	0.04	13	--	5 U	5 U	--	--	10 U	12 U	12 U	12 U	12 U	7.1 U	7.1 U	1.3 U	17 U	0.36 U
Methylene chloride	mg/L	220	0.047	1400	0.005	17	0.005 U	5 U	5 U	0.005 U	0.005 U	10 U	12 U	12 U	12 U	12 U	7.1 U	7.1 U	1.3 U	*1.1 J* [bd]	*0.017 J* [d]
m-xylene	mg/L	190	0.035	190	0.28		--	--	--	--	--	--	--	--	--	--	--	--	0.5 U	--	--
Naphthalene	mg/L	31	0.013	31	0.52	0.2	*0.1* [b]	--	--	*0.073* [b]	*0.083* [b]	--	--	--	--	--	--	--	--	--	--

TABLE - 2.12
PAOC 23 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*IW-26*	*IW-26R*	*IW-29*	*IW-30*	*IW-30*	*IW-33*	*IW-34*	*IW-34*	*IW-34*	*IW-34*	*IW-39*	*IW-39*	*MW19-09*	*MW19-10*	*MW19-25*
Depth													*(12-12)*	*(14-14)*	*(15.5-15.5)*	*(16.7-16.7)*					
Sample ID:							*GW-17303-112602-MM-151*	*GW-17303-120303-DCR-276*	*GW-17303-012904-MM-294*	*GW-17303-112602-MM-149*	*GW-17303-112602-MM-150*	*WG-17303-060507-DR-003*	*WG-17303-080905-DR-0852*	*WG-17303-080905-DR-0853*	*WG-17303-080905-DR-0854*	*WG-17303-080905-DR-0855*	*GW-17303-030106-NR-0936*	*GW-17303-030106-NR-0937*	*WG-17303-121305-NR-0907*	*WG-17303-061605-DR-0793*	*WG-17303-061605-DR-0796*
Sample Date:							*11/26/2002*	*12/3/2003*	*1/29/2004*	*11/26/2002*	*11/26/2002*	*6/5/2007*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*8/9/2005*	*3/1/2006*	*3/1/2006*	*12/13/2005*	*6/16/2005*	*6/16/2005*
Sample Type:											*Duplicate*							*Duplicate*			
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*															
n-Propylbenzene	mg/L	15			0.08		0.005 U	--	--	0.005 U	0.005 U	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/L	190	0.035	190	0.28		--	--	--	--	--	--	--	--	--	--	--	--	0.25 U	--	--
Styrene	mg/L	9.7	0.08	310	0.1	2.9	0.001 U	1 U	1 U	**0.001**	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Tetrachloroethene	mg/L	12	0.011	170	0.005	0.71	0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Toluene	mg/L	530	0.14	530	0.79	1.7	*0.3 J* [b]	*0.21 J* [b]	1 U	*0.27 J* [b]	*0.26 J* [b]	2 U	2.5 U	2.5 U	2.5 U	2.5 U	*1.7* [bd]	*1.7* [bd]	0.25 U	3.3 U	0.071 U
trans-1,2-Dichloroethene	mg/L	220	1.5	200	0.1	28	0.5 U	*0.54 J* [d]	*1.5* [d]	*3.8* [bd]	*4.1* [bd]	*0.33 J* [d]	*0.45 J* [d]	*0.59 J* [d]	*0.67 J* [d]	*0.76 J* [d]	1.4 U	1.4 U	*0.17 J* [d]	*1.4 J* [d]	0.071 U
trans-1,3-Dichloropropene	mg/L						0.001 U	1 U	1 U	0.001 U	0.001 U	2 U	2.5 UJ	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
trans-1,4-Dichloro-2-butene	mg/L						0.05 U	--	--	0.05 U	0.05 U	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	97	0.005	3.5	*0.7* [bd]	1 U	1 U	*0.026* [d]	*0.026* [d]	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	*4.6* [bde]	*9.9* [bde]	*2.3* [bd]
Trichlorofluoromethane	mg/L	1100		1100	2.6		--	1 U	1 U	--	--	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Trifluorotrichloroethane	mg/L	170	0.032	170	170	0.57	--	1 U	1 U	--	--	2 U	2.5 U	2.5 U	2.5 U	2.5 U	1.4 U	1.4 U	0.25 U	3.3 U	0.071 U
Vinyl chloride	mg/L	1	0.015	13	0.002	17	*12* [abd]	*35* [abcde]	*20* [abcde]	*75* [abcde]	*75* [abcde]	*64* [abcde]	*88* [abcde]	*90* [abcde]	*95* [abcde]	*100* [abcde]	*34 J* [abcde]	*35* [abcde]	*2.4* [abd]	*6.9* [abd]	0.071 U
Xylene (total)	mg/L	190	0.035	190	0.28	0.63	*0.12* [b]	2 U	2 U	*0.26* [b]	*0.26 J* [b]	4 U	5 U	5 U	5 U	5 U	2.9 U	2.9 U	0.75 U	*1.5 J* [bde]	0.14 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

ICGVIAIC Industrial & Commercial Groundwater Volatilization to Indoor Air Inhalation Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.12
PAOC 23 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*PZ-1*	*PZ-2*	*PZ-2A*	*PZ-3*	*PZ-4*	*SB19-27*
Depth												*(14-14)*
Sample ID:							*GW-17303-052401-EH-060*	*GW-11905-032101-BN-053*	*GW-17303-052401-EH-061*	*GW-17303-052401-EH-062*	*GW-17303-052401-EH-063*	*GW-17303-022806-NR-0927*
Sample Date:							*5/24/2001*	*3/21/2001*	*5/24/2001*	*5/24/2001*	*5/24/2001*	*2/28/2006*
Sample Type:												
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*						
VOCs												
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	96	0.077		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
1,1,1-Trichloroethane	mg/L	1300	0.2	1300	0.2	1.6	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	77	0.0085	1.8	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1,2-Trichloroethane	mg/L	21	0.012	110	0.005	5.6	0.001 U	**0.005**	**0.004**	0.001 U	0.001 U	0.0025 U
1,1-Dichloroethane	mg/L	2400	0.74	2300	0.88	13	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,1-Dichloroethene	mg/L	11	0.024	1.3	0.007	2.3	*0.049* [bd]	*0.41 J* [bd]	*0.85 J* [bd]	*0.84 J* [bd]	*0.47 J* [bd]	0.0025 U
1,2,3-Trichloropropane	mg/L	84			0.042		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	300	0.07	0.2	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	56	0.063	0.31	*0.027* [b]	*0.081* [bd]	*0.069* [bd]	*0.22 J* [bd]	**0.012**	--
1,2-Dibromo-3-chloropropane	mg/L	0.39		1.2	0.0002		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dibromoethane	mg/L	0.025	0.00005	15	0.00005	0.28	--	--	--	--	--	0.0025 U
1,2-Dichlorobenzene	mg/L	160	0.016	160	0.6	0.28	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,2-Dichloroethane	mg/L	19	0.006	59	0.005	15	0.001 U	0.001 U	**0.002**	**0.003**	0.001 U	0.0025 U
1,2-Dichloropropane	mg/L	16	0.0091	36	0.005	4.0	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	**0.00063 J**
1,3,5-Trimethylbenzene	mg/L	61	0.045	61	0.072	0.81	0.001 U	**0.025**	**0.019**	*0.06* [b]	0.001 U	--
1,3-Dichlorobenzene	mg/L	2	0.038		0.0066	0.2	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	74	0.075	0.2	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
2-Butanone	mg/L	240000	2.2	240000	13	40	**0.1**	0.05 U	0.05 U	0.05 U	0.05 U	**0.0015 J**
2-Hexanone	mg/L	5200		8700	1		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.12 U
4-Methyl-2-Pentanone	mg/L	13000		20000	1.8		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.12 U
Acetone	mg/L	31000	1.7	1000000	0.73	30	*0.94 J* [d]	**0.12**	**0.39**	**0.19**	0.1 U	0.062 U
Benzene	mg/L	11	0.012	35	0.005	1.8	*0.1* [bd]	*0.074* [bd]	*0.1* [bd]	*0.12* [bd]	*0.025* [bd]	*0.068* [bd]
Bromodichloromethane	mg/L	14		37	0.08		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromoform	mg/L	140		3100	0.08		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Bromomethane	mg/L	70	0.035	9	0.01	0.64	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Carbon disulfide	mg/L	1200		550	0.8		0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.012 U
Carbon tetrachloride	mg/L	4.6	0.0056	2.4	0.005	1.6	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chlorobenzene	mg/L	86	0.047	470	0.1	0.85	0.001 U	0.001 U	0.001 U	**0.002**	0.001 U	0.0025 U
Chlorobromomethane	mg/L						0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
Chloroethane	mg/L	440		5700	0.43	20	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloroform	mg/L	150	0.077	180	0.08	2.6	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Chloromethane	mg/L	490		45	0.26		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
cis-1,2-Dichloroethene	mg/L	200	0.62	210	0.07	11	*6.2* [bd]	*60* [bde]	*92* [bde]	*150* [bde]	*50* [bde]	**0.0011 J**
cis-1,3-Dichloropropene	mg/L						0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Cyclohexane	mg/L						--	--	--	--	--	**0.00059 J**
Dibromochloromethane	mg/L	18		110	0.08		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Dibromomethane	mg/L	530			0.08		0.001 U	0.005 U	0.001 U	0.001 U	0.001 U	--
Dichlorodifluoromethane	mg/L	300		300	1.7		0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
Ethyl Ether	mg/L	35000		61000	0.01		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	--
Ethylbenzene	mg/L	170	0.018	170	0.074	0.32	*0.14* [bd]	*0.37 J* [bde]	*0.28 J* [bd]	*0.84 J* [bde]	*0.075* [bd]	0.0025 U
Iodomethane	mg/L						0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	--
Isopropylbenzene	mg/L	56		56	0.8		**0.006**	0.001 U	**0.011**	**0.032**	0.001 U	0.012 U
Methyl acetate	mg/L						--	--	--	--	--	0.025 U
Methyl cyclohexane	mg/L						--	--	--	--	--	0.0025 U
Methyl Tert Butyl Ether	mg/L	610	0.1	47000	0.04	13	--	--	--	--	--	0.012 U
Methylene chloride	mg/L	220	0.047	1400	0.005	17	*0.025* [d]	*0.042* [d]	0.005 U	0.005 U	0.005 U	0.012 U
m-xylene	mg/L	190	0.035	190	0.28		--	--	--	--	--	--
Naphthalene	mg/L	31	0.013	31	0.52	0.2	*0.016* [b]	*0.031* [b]	*0.026* [b]	*0.092* [b]	**0.012**	--

TABLE - 2.12
PAOC 23 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		***GCC***	***GSI***	***ICGVIAIC***	***RDW***	***FAV***	***PZ-1***	***PZ-2***	***PZ-2A***	***PZ-3***	***PZ-4***	***SB19-27***
Depth												***(14-14)***
Sample ID:							***GW-17303-052401-EH-060***	***GW-11905-032101-BN-053***	***GW-17303-052401-EH-061***	***GW-17303-052401-EH-062***	***GW-17303-052401-EH-063***	***GW-17303-022806-NR-0927***
Sample Date:							***5/24/2001***	***3/21/2001***	***5/24/2001***	***5/24/2001***	***5/24/2001***	***2/28/2006***
Sample Type:												
Parameter:	***Units***	***a***	***b***	***c***	***d***	***e***						
n-Propylbenzene	mg/L	15			0.08		**0.006**	**0.016**	**0.011**	**0.03**	0.001 U	--
o-Xylene	mg/L	190	0.035	190	0.28		--	--	--	--	--	--
Styrene	mg/L	9.7	0.08	310	0.1	2.9	0.001 U	**0.001**	0.001 U	**0.006**	0.001 U	0.0025 U
Tetrachloroethene	mg/L	12	0.011	170	0.005	0.71	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	**0.00062 J**
Toluene	mg/L	530	0.14	530	0.79	1.7	**0.083**	***0.46 J*** [b]	***0.36 J*** [b]	***0.78 J*** [b]	***0.53 J*** [b]	**0.0009 J**
trans-1,2-Dichloroethene	mg/L	220	1.5	200	0.1	28	***0.6*** [d]	***5*** [bd]	***6.9*** [bd]	***5.3*** [bd]	***4.4*** [bd]	0.0025 U
trans-1,3-Dichloropropene	mg/L						0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0025 U
trans-1,4-Dichloro-2-butene	mg/L						0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	--
Trichloroethene	mg/L	22	0.029	97	0.005	3.5	***0.9*** [bd]	***10*** [bde]	***2.2*** [bd]	***0.024*** [d]	***0.77 J*** [bd]	0.0025 U
Trichlorofluoromethane	mg/L	1100		1100	2.6		--	--	--	--	--	0.0025 U
Trifluorotrichloroethane	mg/L	170	0.032	170	170	0.57	--	--	--	--	--	0.0025 U
Vinyl chloride	mg/L	1	0.015	13	0.002	17	***3*** [abd]	***18*** [abcde]	***14*** [abcd]	***24*** [abcde]	***55*** [abcde]	***0.072*** [bd]
Xylene (total)	mg/L	190	0.035	190	0.28	0.63	***0.316*** [bd]	***1.47 J*** [bde]	***0.98 J*** [bde]	3 U	***0.203*** [b]	0.005 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

ICGVIAIC Industrial & Commercial Groundwater Volatilization to Indoor Air Inhalation Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.13
PAOC 23 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*ISVIAIC*	*RDWPC*	*GP19-01D*	*GP19-01D*	*GP19-01D*	*GP19-01D*	*GP19-02D*	*GP19-02D*	*GP19-02D*	*GP19-02D*	*GP19-03D*	*GP19-03D*	*GP19-03D*	*GP19-03D*	*MW19-10*	*MW19-25*	*MW19-25*	*MW19-25*
Sample Depth:						*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(7.4-9.4)*	*(0-3)*	*(3-6)*	*(6-9)*
Sample ID:						*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*	*SO-17303-052705-DR-0712*	*SO-17303-052705-DR-0713*	*S-17303-111903-DD-218*	*SO-17303-052705-DR-0706*	*SO-17303-052705-DR-0707*	*SO-17303-052705-DR-0708*
Sample Date:						*5/25/2005*	*5/25/2005*	*5/25/2005*	*5/25/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*11/19/2003*	*5/27/2005*	*5/27/2005*	*5/27/2005*
Sample Type:																					
Parameter:	*Units*	*a*	*b*	*c*	*d*																
VOCs																					
1,1,1,2-Tetrachloroethane	mg/kg	440		33	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	460	4	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	23	0.17	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	38 U	8.1 U	0.73 U	0.1 U	0.041 U	0.044 U
1,1,2-Trichloroethane	mg/kg	420	6.6	24	0.1	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	*14 J* [bd]	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
1,1-Dichloroethane	mg/kg	890	15	430	18	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
1,1-Dichloroethene	mg/kg	220	1.3	0.33	0.14	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
1,2,3-Trichloropropane	mg/kg	830			0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	1100	4.2	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	110	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		1.2	0.01	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
1,2-Dibromoethane	mg/kg	0.5	0.02	3.6	0.02	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
1,2-Dichlorobenzene	mg/kg	210	0.36	210	14	0.085 U	0.084 U	0.088 U	**0.035 J**	0.084 U	0.08 U	0.089 U	0.078 U	39 U	340 U	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
1,2-Dichloroethane	mg/kg	380	7.2	11	0.1	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
1,2-Dichloroethene	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	7.4	0.1	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	94	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1		0.17	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	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
1,3-Dichloropropene	mg/kg	110		5.4	0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	100	1.7	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	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
1-Chloro-2,3-epoxypropane	mg/kg	220		120	0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	27000	260	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	570 U	120 U	5.5 U	1.6 U	0.62 U	0.66 U
2-Hexanone	mg/kg	2500		1800	20	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	1900 U	400 U	18 U	5.2 U	2.1 U	2.2 U
2-Nitropropane	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		2700	36	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	1900 U	400 U	18 U	5.2 U	2.1 U	2.2 U
Acetone	mg/kg	110000	34	110000	15	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	570 U	120 U	5.5 U	1.6 U	0.62 U	0.66 U
alpha-methylstyrene	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	8.4	0.1	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Bromobenzene	mg/kg	360		580	0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		6.4	1.6	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	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
Bromoform	mg/kg	870		770	1.6	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	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
Bromomethane	mg/kg	1400	0.7	1.6	0.2	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	150 U	32 U	1.8 U	0.42 U	0.16 U	0.18 U
Carbon disulfide	mg/kg	280		140	16	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
Carbon tetrachloride	mg/kg	92	0.9	0.99	0.1	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Chlorobenzene	mg/kg	260	0.94	220	2	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Chlorobromomethane	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		950	8.6	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
Chloroform	mg/kg	1500	3.4	38	1.6	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Chloromethane	mg/kg	1100		10	5.2	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
cis-1,2-Dichloroethene	mg/kg	640	12	41	1.4	0.043 U	0.042 U	**0.16**	**0.34**	0.042 U	**0.1**	0.044 U	**0.15**	*38* [bd]	*260* [bcd]	*58* [bcd]	*65* [bcd]	0.37 U	**0.087 J**	0.041 U	**0.22**
cis-1,3-Dichloropropene	mg/kg					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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Cyclohexane	mg/kg					1 U	1 U	1.1 U	1 U	1 U	**0.0091 J**	1.1 U	0.93 U	470 U	4000 U	910 U	190 U	**0.27 J**	2.5 U	0.99 U	1.1 U
Cyclohexanone	mg/kg	220000		32	5200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		21	1.6	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Dibromomethane	mg/kg	2000			1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		1700	95	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	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
Ethyl Ether	mg/kg	7400		7400	0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/kg	140	0.36	140	1.5	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 J* [bd]	*190* [abcd]	*63* [bd]	8.1 U	*3.5* [bd]	0.1 U	0.041 U	0.044 U

TABLE - 2.13
PAOC 23 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*ISVIAIC*	*RDWPC*	*GP19-01D*	*GP19-01D*	*GP19-01D*	*GP19-01D*	*GP19-02D*	*GP19-02D*	*GP19-02D*	*GP19-02D*	*GP19-03D*	*GP19-03D*	*GP19-03D*	*GP19-03D*	*MW19-10*	*MW19-25*	*MW19-25*	*MW19-25*
Sample Depth:						*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-12)*	*(7.4-9.4)*	*(0-3)*	*(3-6)*	*(6-9)*
Sample ID:						*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*	*SO-17303-052705-DR-0712*	*SO-17303-052705-DR-0713*	*S-17303-111903-DD-218*	*SO-17303-052705-DR-0706*	*SO-17303-052705-DR-0707*	*SO-17303-052705-DR-0708*
Sample Date:						*5/25/2005*	*5/25/2005*	*5/25/2005*	*5/25/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*5/27/2005*	*11/19/2003*	*5/27/2005*	*5/27/2005*	*5/27/2005*
Sample Type:																					
Parameter:	*Units*	*a*	*b*	*c*	*d*																
Iodomethane	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		390	91	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	190 U	40 U	**1.3 J**	0.52 U	0.21 U	0.22 U
Methyl acetate	mg/kg					1 U	1 U	1.1 U	1 U	1 U	0.96 U	1.1 U	0.93 U	470 U	4000 U	910 U	190 U	8.8 U	2.5 U	0.99 U	1.1 U
Methyl cyclohexane	mg/kg					1 U	1 U	1.1 U	1 U	1 U	**0.028 J**	1.1 U	0.93 U	470 U	4000 U	910 U	190 U	**3 J**	2.5 U	0.99 U	1.1 U
Methyl Tert Butyl Ether	mg/kg	5900	15	5900	0.8	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
Methylene chloride	mg/kg	2300	19	240	0.1	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
Naphthalene	mg/kg	2100	0.87	470	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300			1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	150	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	150	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	520	2.7	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Tetrachloroethene	mg/kg	88	0.9	60	0.1	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
Toluene	mg/kg	250	2.8	250	16	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 J* [bd]	*24 J* [bd]	16 U	**1.3**	0.21 U	0.082 U	0.088 U
trans-1,2-Dichloroethene	mg/kg	1400	30	43	2	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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
trans-1,3-Dichloropropene	mg/kg					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	38 U	8.1 U	0.37 U	0.1 U	0.041 U	0.044 U
trans-1,4-Dichloro-2-butene	mg/kg					--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	37	0.1	**0.033 J**	0.042 U	*0.43* [d]	*2* [d]	*0.21* [d]	*0.84* [d]	*0.41* [d]	*0.88* [d]	*540* [abcd]	*5400* [abcd]	*1600* [abcd]	*330* [bcd]	0.37 U	*4.9* [bd]	**0.04 J**	*2.4* [d]
Trichlorofluoromethane	mg/kg	560		560	52	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	76 U	16 U	0.73 U	0.21 U	0.082 U	0.088 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	550	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	190 U	40 U	1.8 U	0.52 U	0.21 U	0.22 U
Vinyl chloride	mg/kg	20	0.3	2.8	0.04	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	30 U	6.5 U	*0.33 J* [bd]	0.084 U	0.033 U	0.035 U
Xylene (total)	mg/kg	150	0.7	150	5.6	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	**0.29**	**0.14**	**0.073 J**	*35 J* [bd]	*1900* [abcd]	*700* [abcd]	24 U	*16* [bd]	0.31 U	0.12 U	0.13 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

ISVIAIC Industrial Soil Volatilization to Indoor Air Inhalation Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.13
PAOC 23 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*ISVIAIC*	*RDWPC*	*MW19-25*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-04*	*SB23-04*	*SB23-04*	*SB23-04*
Sample Depth:						*(9-12)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*	*(9-11)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*
Sample ID:						*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-0732*	*SO-17303-060305-DR-0733*	*SO-17303-060305-DR-0734*	*SO-17303-060305-DR-0735*
Sample Date:						*5/27/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*
Sample Type:											*Duplicate*				
Parameter:	*Units*	*a*	*b*	*c*	*d*										
VOCs															
1,1,1,2-Tetrachloroethane	mg/kg	440		33	1.5	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	460	4	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	23	0.17	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,1,2-Trichloroethane	mg/kg	420	6.6	24	0.1	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,1-Dichloroethane	mg/kg	890	15	430	18	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,1-Dichloroethene	mg/kg	220	1.3	0.33	0.14	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,2,3-Trichloropropane	mg/kg	830			0.84	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	1100	4.2	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	110	2.1	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		1.2	0.01	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
1,2-Dibromoethane	mg/kg	0.5	0.02	3.6	0.02	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
1,2-Dichlorobenzene	mg/kg	210	0.36	210	14	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.077 U	0.08 U	0.29 U	0.08 U
1,2-Dichloroethane	mg/kg	380	7.2	11	0.1	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,2-Dichloroethene	mg/kg					--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	7.4	0.1	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	94	1.8	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1		0.17	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.077 U	0.08 U	0.29 U	0.08 U
1,3-Dichloropropene	mg/kg	110		5.4	0.17	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	100	1.7	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.077 U	0.08 U	0.29 U	0.08 U
1-Chloro-2,3-epoxypropane	mg/kg	220		120	0.1	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	27000	260	6.4 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.58 U	0.6 U	2.2 U	0.6 U
2-Hexanone	mg/kg	2500		1800	20	21 U	2 U	2 U	2 U	2 U	2 U	1.9 U	2 U	7.2 U	2 U
2-Nitropropane	mg/kg					--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		2700	36	21 U	2 U	2 U	2 U	2 U	2 U	1.9 U	2 U	7.2 U	2 U
Acetone	mg/kg	110000	34	110000	15	6.4 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.58 U	0.6 U	2.2 U	0.6 U
alpha-methylstyrene	mg/kg					--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	8.4	0.1	0.43 U	0.04 U	0.04 U	0.04 U	**0.011 J**	0.04 U	0.038 U	0.04 U	**0.047 J**	**0.014 J**
Bromobenzene	mg/kg	360		580	0.55	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		6.4	1.6	0.86 U	0.08 UJ	0.08 UJ	0.08 UJ	0.08 UJ	0.08 UJ	0.077 U	0.08 UJ	0.29 UJ	0.08 UJ
Bromoform	mg/kg	870		770	1.6	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.077 U	0.08 U	0.29 U	0.08 U
Bromomethane	mg/kg	1400	0.7	1.6	0.2	1.7 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.58 U	0.16 U
Carbon disulfide	mg/kg	280		140	16	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
Carbon tetrachloride	mg/kg	92	0.9	0.99	0.1	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
Chlorobenzene	mg/kg	260	0.94	220	2	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
Chlorobromomethane	mg/kg					--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		950	8.6	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
Chloroform	mg/kg	1500	3.4	38	1.6	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
Chloromethane	mg/kg	1100		10	5.2	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
cis-1,2-Dichloroethene	mg/kg	640	12	41	1.4	**1.1**	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	**0.21**	**0.19**	*4.7* [d]	*1.5* [d]
cis-1,3-Dichloropropene	mg/kg					0.43 U	0.04 UJ	0.04 UJ	0.04 UJ	0.04 UJ	0.04 UJ	0.038 U	0.04 UJ	0.14 UJ	0.04 UJ
Cyclohexane	mg/kg					10 U	0.96 U	0.96 U	0.96 U	**0.037 J**	0.96 U	0.92 U	0.96 U	3.5 U	**0.027 J**
Cyclohexanone	mg/kg	220000		32	5200	--	--	--	--	--	--	--	--	--	--
Cymene	mg/kg					--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		21	1.6	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
Dibromomethane	mg/kg	2000			1.6	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		1700	95	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.077 U	0.08 U	0.29 U	0.08 U
Ethyl Ether	mg/kg	7400		7400	0.2	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/kg	140	0.36	140	1.5	0.43 U	0.04 U	0.04 U	0.04 U	**0.0099 J**	0.04 U	0.038 U	0.04 U	**0.029 J**	**0.013 J**

TABLE - 2.13
PAOC 23 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		***GCPC***	***GSIPC***	***ISVIAIC***	***RDWPC***	***MW19-25***	***SB23-03***	***SB23-03***	***SB23-03***	***SB23-03***	***SB23-03***	***SB23-04***	***SB23-04***	***SB23-04***	***SB23-04***
Sample Depth:						***(9-12)***	***(0-3)***	***(3-6)***	***(6-9)***	***(9-11)***	***(9-11)***	***(0-3)***	***(3-6)***	***(6-9)***	***(9-11)***
Sample ID:						***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-0732***	***SO-17303-060305-DR-0733***	***SO-17303-060305-DR-0734***	***SO-17303-060305-DR-0735***
Sample Date:						***5/27/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***	***6/3/2005***
Sample Type:											***Duplicate***				
Parameter:	***Units***	***a***	***b***	***c***	***d***										
Iodomethane	mg/kg					--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		390	91	2.1 U	0.2 U	0.2 U	0.2 U	**0.05 J**	0.2 U	0.19 U	0.2 U	**0.02 J**	**0.052 J**
Methyl acetate	mg/kg					10 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.92 U	0.96 U	3.5 U	0.96 U
Methyl cyclohexane	mg/kg					10 U	0.96 U	0.96 U	0.96 U	**0.068 J**	**0.03 J**	0.92 U	0.96 U	**0.092 J**	**0.037 J**
Methyl Tert Butyl Ether	mg/kg	5900	15	5900	0.8	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
Methylene chloride	mg/kg	2300	19	240	0.1	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
Naphthalene	mg/kg	2100	0.87	470	35	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300			1.6	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	150	5.6	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	150	5.6	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	520	2.7	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
Tetrachloroethene	mg/kg	88	0.9	60	0.1	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
Toluene	mg/kg	250	2.8	250	16	0.86 U	0.08 U	0.08 U	0.08 U	**0.0091 J**	0.08 U	0.077 U	0.08 U	**0.23 J**	**0.089**
trans-1,2-Dichloroethene	mg/kg	1400	30	43	2	0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	**0.012 J**
trans-1,3-Dichloropropene	mg/kg					0.43 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.038 U	0.04 U	0.14 U	0.04 U
trans-1,4-Dichloro-2-butene	mg/kg					--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	37	0.1	***17*** [bd]	**0.013 J**	0.04 U	0.04 U	**0.036 J**	**0.019 J**	***0.16*** [d]	**0.017 J**	0.14 U	**0.047**
Trichlorofluoromethane	mg/kg	560		560	52	0.86 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.077 U	0.08 U	0.29 U	0.08 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	550	2.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.2 U	0.72 U	0.2 U
Vinyl chloride	mg/kg	20	0.3	2.8	0.04	0.34 U	0.032 U	0.032 U	0.032 U	0.032 U	0.032 U	0.031 U	0.032 U	***0.23*** [d]	***0.15*** [d]
Xylene (total)	mg/kg	150	0.7	150	5.6	1.3 U	0.12 U	0.12 U	0.12 U	**0.054 J**	0.12 U	0.12 U	0.12 U	**0.17 J**	**0.061 J**

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

ISVIAIC Industrial Soil Volatilization to Indoor Air Inhalation Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.14
PAOC 23 SVOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*IW-20*	*MW19-10*	*MW19-25*
Depth									
Sample ID:							*WG-17303-061605-DR-0792*	*WG-17303-061605-DR-0793*	*WG-17303-061605-DR-0796*
Sample Date:							*6/16/2005*	*6/16/2005*	*6/16/2005*
Sample Type:									
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*			
SVOCs									
2,2'-oxybis(1-Chloropropane)	mg/L						0.005 U	0.005 U	0.005 U
2,4,5-Trichlorophenol	mg/L	170			0.73		0.005 U	0.005 U	0.005 U
2,4,6-Trichlorophenol	mg/L	10	0.0044		0.12	0.079	0.004 U	0.004 U	0.004 U
2,4-Dichlorophenol	mg/L	48	0.019		0.073	0.32	0.01 U	0.01 U	0.01 UJ
2,4-Dimethylphenol	mg/L	520	0.38		0.37	2.7	**0.012**	**0.0022 J**	0.005 U
2,4-Dinitrophenol	mg/L					0.27	0.02 U	0.02 U	0.02 U
2,4-Dinitrotoluene	mg/L	8.6			0.0077		0.005 U	0.005 U	0.005 U
2,6-Dinitrotoluene	mg/L						0.005 U	0.005 U	0.005 U
2-Chloronaphthalene	mg/L	6.7			1.8		0.005 U	0.005 U	0.005 U
2-Chlorophenol	mg/L	94	0.022		0.045	0.43	0.005 U	0.005 U	0.005 U
2-Methylnaphthalene	mg/L	25			0.26		**0.0038 J**	**0.0012 J**	0.005 U
2-Methylphenol	mg/L	810	0.071		0.37	1.5	**0.0034 J**	0.005 U	0.005 U
2-Nitroaniline	mg/L						0.02 U	0.02 U	0.02 U
2-Nitrophenol	mg/L	79			0.02		0.005 U	0.005 U	0.005 UJ
3,3'-Dichlorobenzidine	mg/L	0.18	0.0003		0.0011	0.081	0.004 U	0.004 U	0.004 U
3-Nitroaniline	mg/L						0.02 U	0.02 U	0.02 U
4,6-Dinitro-2-methylphenol	mg/L	9.5			0.02		0.02 U	0.02 U	0.02 U
4-Bromophenyl phenyl ether	mg/L						0.005 U	0.005 U	0.005 U
4-Chloro-3-methylphenol	mg/L	79	0.0074		0.15	0.13	0.005 U	0.005 U	0.005 U
4-Chloroaniline	mg/L						0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	mg/L						0.005 U	0.005 U	0.005 U
4-Methylphenol	mg/L	810	0.071		0.37	0.45	**0.0048 J**	**0.00077 J**	0.005 U
4-Nitroaniline	mg/L						0.02 U	0.02 U	0.02 U
4-Nitrophenol	mg/L					1.1	0.02 U	0.02 U	0.02 U
Acenaphthene	mg/L	4.2	0.019	4.2	1.3	0.2	0.005 U	0.005 U	0.005 U
Acenaphthylene	mg/L	3.9		3.9	0.052		0.005 U	0.005 U	0.005 U
Acetophenone	mg/L	6100		6100	1.5		0.005 U	0.005 U	0.005 U
Anthracene	mg/L	0.043		0.043	0.043		0.005 U	0.005 U	0.005 U
Atrazine	mg/L	5.4	0.0043		0.003	0.1	0.003 U	0.003 U	0.003 U
Benzaldehyde	mg/L						0.01 U	0.01 U	0.01 U
Benzo(a)anthracene	mg/L	0.0094			0.0021		0.001 U	0.001 U	0.001 U
Benzo(a)pyrene	mg/L	0.001			0.005		0.001 U	0.001 U	0.001 U
Benzo(b)fluoranthene	mg/L	0.0015			0.0015		0.001 U	0.001 U	0.001 U
Benzo(g,h,i)perylene	mg/L	0.001			0.001		0.001 U	0.001 U	0.001 U
Benzo(k)fluoranthene	mg/L	0.001			0.001		0.001 U	0.001 U	0.001 U
Biphenyl	mg/L					0.11	**0.00074 J**	0.01 U	0.01 U
bis(2-Chloroethoxy)methane	mg/L						0.005 U	0.005 U	0.005 UJ
bis(2-Chloroethyl)ether	mg/L	5.7	0.001	210	0.002		0.001 U	0.001 U	0.001 U
bis(2-Ethylhexyl)phthalate	mg/L	0.32	0.032		0.006	0.285	0.005 U	0.005 U	0.005 U
Butyl benzylphthalate	mg/L	2.7	0.0069		1.2	0.63	0.005 U	0.005 U	0.005 U
Caprolactam	mg/L	390000			5.8		**0.009 J**	0.01 U	0.01 UJ
Carbazole	mg/L	7.4	0.01		0.085	0.072	**0.00046 J**	0.01 U	0.01 U
Chrysene	mg/L	0.0016			0.0016		0.001 U	0.001 U	0.001 U
Dibenz(a,h)anthracene	mg/L	0.002			0.002		0.002 U	0.002 U	0.002 U
Dibenzofuran	mg/L		0.004			0.072	0.004 U	0.004 U	0.004 U
Diethyl phthalate	mg/L	1100	0.11		5.5	2	**0.00081 J**	**0.0012 J**	0.005 U
Dimethyl phthalate	mg/L	4200			73		0.005 U	0.005 U	0.005 U
Di-n-butylphthalate	mg/L	11	0.0097		0.88	0.075	**0.00065 J**	*0.021* [b]	0.005 U
Di-n-octyl phthalate	mg/L	0.4			0.13		0.005 U	0.005 U	0.005 U
Fluoranthene	mg/L	0.21	0.0016	0.21	0.21	0.028	0.001 U	0.001 U	0.001 U
Fluorene	mg/L	2	0.012	2	0.88	0.22	**0.00039 J**	0.005 U	0.005 U
Hexachlorobenzene	mg/L	0.0046	0.0002	3	0.001		0.0002 U	0.0002 U	0.0002 U
Hexachlorobutadiene	mg/L	0.4	0.00005	3.2	0.015	0.015	0.001 U	0.001 U	0.001 UJ
Hexachlorocyclopentadiene	mg/L	1.6		0.42	0.05		0.005 U	R	R
Hexachloroethane	mg/L	1.9	0.0053	50	0.0073	0.21	0.005 U	0.005 U	0.005 U
Indeno(1,2,3-cd)pyrene	mg/L	0.002			0.002		0.002 U	0.002 U	0.002 U
Isophorone	mg/L	990	0.31		0.77	9.2	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	31	0.013	31	0.52	0.2	*0.019* [b]	*0.014* [b]	0.005 UJ
Nitrobenzene	mg/L	11	0.0047	550	0.0034	2.1	0.003 U	0.003 U	0.003 UJ
N-Nitrosodi-n-propylamine	mg/L	0.36			0.005		0.005 U	0.005 U	0.005 U
N-Nitrosodiphenylamine	mg/L	35			0.27		0.005 U	0.005 U	0.005 U
Pentachlorophenol	mg/L	0.2	0.0018		0.001	0.0224	0.005 U	0.005 U	0.005 U
Phenanthrene	mg/L	1	0.0024	1	0.052	0.043	**0.00047 J**	0.002 U	0.002 U
Phenol	mg/L	29000	0.21		4.4	6.8	0.005 U	0.005 U	0.005 U
Pyrene	mg/L	0.14		0.14	0.14		0.005 U	0.005 U	0.005 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

ICGVIAIC Industrial & Commercial Groundwater Volatilization to Indoor Air Inhalation Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.15
PAOC 23 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*ISVIAIC*	*RDWPC*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-04*	*SB23-04*	*SB23-04*	*SB23-04*
Sample Depth:						*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*	*(9-11)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*
Sample ID:						*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-0732*	*SO-17303-060305-DR-0733*	*SO-17303-060305-DR-0734*	*SO-17303-060305-DR-0735*
Sample Date:						*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*
Sample Type:										*Duplicate*				
Parameter:	*Units*	*a*	*b*	*c*	*d*									
SVOCs														
2,2'-oxybis(1-Chloropropane)	mg/kg					0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4,5-Trichlorophenol	mg/kg	9100			39	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4,6-Trichlorophenol	mg/kg	200	0.33		2.4	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4-Dichlorophenol	mg/kg	960	0.38		1.5	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2,4-Dimethylphenol	mg/kg	10000	7.6		7.4	0.66 U	0.26 U	0.26 U	0.26 U	0.26 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	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dinitrotoluene	mg/kg	170			0.43	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2,6-Dinitrotoluene	mg/kg					0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-Chloronaphthalene	mg/kg	2300			620	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-Chlorophenol	mg/kg	1900	0.44		0.9	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-Methylnaphthalene	mg/kg	5500			57	0.66 U	0.26 U	0.26 U	**0.037 J**	**0.077 J**	**0.039 J**	0.26 U	0.26 U	0.26 U
2-Methylphenol	mg/kg	16000	1.4		7.4	0.66 U	0.26 U	0.26 U	0.26 U	0.26 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	0.2 U	0.2 U	0.2 U	0.2 U
2-Nitrophenol	mg/kg	1600			0.4	0.66 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 UJ	0.26 UJ	0.26 U	0.26 UJ
3&4-Methylphenol	mg/kg	16000	1.4		7.4	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/kg	4.6	2		2	4 U	1.6 U	1.6 U	1.6 U	1.6 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	0.2 U	0.2 U	0.2 U	0.2 U
4,6-Dinitro-2-methylphenol	mg/kg	190			0.83	0.38 U	0.15 U	0.15 U	0.15 U	0.15 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	0.26 U	0.26 U	0.26 U	0.26 U
4-Chloro-3-methylphenol	mg/kg	3000	0.28		5.8	0.66 U	0.26 U	0.26 U	0.26 U	0.26 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	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	0.26 U	0.26 U	0.26 U	0.26 U
4-Methylphenol	mg/kg	16000	1.4		7.4	0.66 U	0.26 U	0.26 U	0.26 U	0.26 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	0.2 U	0.2 U	0.2 U	0.2 U
4-Nitrophenol	mg/kg					0.82 U	0.33 U	0.33 U	0.33 UJ	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Acenaphthene	mg/kg	970	4.4	350000	300	**0.2 J**	0.26 U	0.26 U	**0.017 J**	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Acenaphthylene	mg/kg	440		3000	5.9	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Acetophenone	mg/kg	1100		1100	30	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Anthracene	mg/kg	41		1000000	41	**0.34 J**	**0.017 J**	0.26 U	**0.018 J**	**0.18 J**	0.26 U	0.26 U	0.26 U	0.26 U
Atrazine	mg/kg	110	0.15		0.06	0.1 U	0.04 U	0.04 U	0.04 U	0.04 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	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**	**0.08 J**	0.26 U	0.26 U	0.26 U
Benzo(a)pyrene	mg/kg					**0.93 J**	**0.095 J**	0.26 U	**0.033 J**	**0.26**	**0.1 J**	0.26 U	0.26 U	0.26 U
Benzo(b)fluoranthene	mg/kg					**1.1 J**	**0.11 J**	0.26 U	**0.042 J**	**0.31**	**0.14 J**	0.26 U	0.26 U	0.26 U
Benzo(g,h,i)perylene	mg/kg					**0.55 J**	**0.061 J**	0.26 U	**0.023 J**	**0.13 J**	**0.079 J**	0.26 U	0.26 U	0.26 U
Benzo(k)fluoranthene	mg/kg					**0.53 J**	**0.042 J**	0.26 U	**0.024 J**	**0.12 J**	**0.047 J**	0.26 U	0.26 U	0.26 U
Biphenyl	mg/kg					**0.044 J**	0.26 U	0.26 U	0.26 U	0.26 U	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	0.26 U	0.26 U	0.26 U	0.26 U
bis(2-Chloroethyl)ether	mg/kg	110	0.30	44	0.1	0.2 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
bis(2-Ethylhexyl)phthalate	mg/kg					0.66 U	0.26 U	0.26 U	0.26 U	**0.031 J**	0.26 U	0.26 U	0.26 U	**0.018 J**
Butyl benzylphthalate	mg/kg	310	26		310	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Caprolactam	mg/kg	1000000			120	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Carbazole	mg/kg	820	1.1		9.4	**0.24 J**	0.26 U	0.26 U	0.26 U	**0.053 J**	0.26 U	0.26 U	0.26 U	0.26 U
Chrysene	mg/kg					**0.95 J**	**0.075 J**	0.26 U	**0.046 J**	**0.26**	**0.078 J**	0.26 U	0.26 U	0.26 U
Dibenz(a,h)anthracene	mg/kg					**0.14 J**	**0.029 J**	0.26 U	0.26 U	**0.046 J**	**0.033 J**	0.26 U	0.26 U	0.26 U
Dibenzofuran	mg/kg		1.7			**0.068 J**	0.26 U	0.26 U	0.26 UJ	**0.039 J**	0.26 U	0.26 U	0.26 U	0.26 U
Diethyl phthalate	mg/kg	740	2.2		110	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Dimethyl phthalate	mg/kg	790			790	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Di-n-butylphthalate	mg/kg	760	11		760	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Di-n-octyl phthalate	mg/kg	140000			100000	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Fluoranthene	mg/kg	730	5.5	1000000	730	**3.2 J**	**0.14 J**	0.26 U	**0.14 J**	**0.92**	**0.16 J**	0.26 U	0.26 U	**0.014 J**
Fluorene	mg/kg	890	5.3	1000000	390	**0.15 J**	0.26 U	0.26 U	0.26 UJ	**0.08 J**	0.26 U	0.26 U	0.26 U	0.26 U
Hexachlorobenzene	mg/kg	8.2	0.35	220	1.8	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Hexachlorobutadiene	mg/kg	350	0.091	350	26	0.1 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Hexachlorocyclopentadiene	mg/kg	720		56	320	0.66 U	0.26 U	0.26 U	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Hexachloroethane	mg/kg	110	1.8	79	0.43	0.66 U	0.26 U	0.26 U	0.26 U	0.26 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**	**0.065 J**	0.26 U	0.26 U	0.26 U
Isophorone	mg/kg	2400	11		15	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Naphthalene	mg/kg	2100	0.87	470	35	0.66 U	0.26 U	0.26 U	**0.022 J**	**0.046 J**	0.26 U	0.26 U	0.26 U	0.26 U
Nitrobenzene	mg/kg	220	3.6	170	0.33	0.66 UJ	0.26 U	0.26 UJ	0.26 UJ	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
N-Nitrosodi-n-propylamine	mg/kg	7.2			0.33	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
N-Nitrosodiphenylamine	mg/kg	700			5.4	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Pentachlorophenol	mg/kg	4.3	17		0.022	0.38 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Phenanthrene	mg/kg	1100	5.3	5100	56	**2.2 J**	**0.054 J**	0.26 U	**0.077 J**	**0.79**	**0.043 J**	0.26 U	0.26 U	0.26 U
Phenol	mg/kg	12000	4.2		88	0.66 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Pyrene	mg/kg	480		1000000	480	**2.2 J**	**0.11 J**	0.26 U	**0.095 J**	**0.63**	**0.14 J**	0.26 U	0.26 U	0.26 U
Pyridine	mg/kg	37		2	0.4	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

ISVIAIC Industrial Soil Volatilization to Indoor Air Inhalation Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.16
PAOC 23 METALS & PCBs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*ICGVIAIC*	*RDW*	*FAV*	*IW-9*	*IW-12*	*IW-20*	*IW-33*	*MW19-10*	*MW19-25*
Depth												
Sample ID:							*WG-17303-060507-DR-001*	*WG-17303-060507-DR-002*	*WG-17303-061605-DR-0792*	*WG-17303-060507-DR-003*	*WG-17303-061605-DR-0793*	*WG-17303-061605-DR-0796*
Sample Date:							*6/5/2007*	*6/5/2007*	*6/16/2005*	*6/5/2007*	*6/16/2005*	*6/16/2005*
Sample Type:												
Parameter:	*Units*	*a*	*b*	*c*	*d*	*e*						
Metals												
Antimony	mg/L	68	0.002		0.006	2.3	**0.00013 J**	**0.00046 J**	**0.0014 J**	**0.00034 J**	**0.0011 J**	**0.00055 J**
Arsenic	mg/L	4.3	0.05		0.01	0.68	0.005 U	0.005 U	**0.0059**	**0.0084**	**0.0079**	0.005 U
Barium	mg/L	14000	1.866		2	10.7	**0.0839 J**	**0.111**	**0.69**	**0.264**	**0.967**	**0.217**
Beryllium	mg/L	290	0.0753		0.004	1.35	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	190	0.0025		0.005	0.0373	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.001 U	0.001 U
Chromium Total	mg/L	460	0.011		0.1		0.005 U	0.005 U	**0.004 J**	0.005 U	**0.0043 J**	0.005 U
Chromium VI (Hexavalent)	mg/L	460	0.011		0.1		--	--	--	--	--	--
Cobalt	mg/L	2400	0.1		0.04	0.74	0.007 U	**0.0018 J**	**0.0025 J**	**0.0021 J**	0.007 U	**0.0026 J**
Copper	mg/L	7400	0.0287		1	0.0972	**0.00089 J**	**0.0014 J**	0.002 U	**0.0017 J**	0.0023 U	0.0025 U
Iron	mg/L	58000			0.3		--	--	--	--	--	--
Iron (Dissolved)	mg/L	58000			0.3		--	--	--	--	--	--
Lead	mg/L		0.014		0.004	0.779	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	9100	3.6		0.05	27.6	*5.26* [bd]	*11.8* [bd]	*12.1* [bd]	*8.69* [bd]	*0.918* [d]	*0.151* [d]
Manganese (Dissolved)	mg/L	9100	3.6		0.05	27.6	--	--	--	--	--	--
Mercury	mg/L	0.056	0.0000013	0.056	0.002		0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	74000	0.165		0.1	2.97	**0.0032 J**	**0.0139 J**	**0.0015 J**	**0.025**	0.02 U	**0.0061 J**
Selenium	mg/L	970	0.005		0.05	0.12	**0.00077 J**	0.002 U	0.005 U	0.002 U	0.005 U	**0.0025 J**
Silver	mg/L	1500	0.0002		0.034	0.0011	0.0002 U	0.0002 U	**0.000057 J**	0.0002 U	0.0002 U	0.0002 U
Thallium	mg/L	13	0.002		0.002	0.094	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	**0.00023 J**
Vanadium	mg/L	970	0.012		0.0045	0.22	0.004 U	**0.0038 J**	*0.0064* [d]	**0.0034 J**	0.004 U	0.004 U
Zinc	mg/L	110000	0.375		2.4	0.745	**0.0139**	**0.0074 J**	0.02 U	**0.0141**	0.02 U	0.02 U
PCBs												
Aroclor-1016 (PCB-1016)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1221 (PCB-1221)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1232 (PCB-1232)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1242 (PCB-1242)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1248 (PCB-1248)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1254 (PCB-1254)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
Aroclor-1260 (PCB-1260)	mg/L	0.0033	0.0002	0.045	0.0005		0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	*0.0003* [b]
Total PCBs	mg/L	0.0033	0.0002	0.045	0.0005		--	--	0.0001 U	--	0.0001 U	*0.0003* [b]

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance (bolded PCB values indicate an exceedance)

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

ICGVIAIC Industrial & Commercial Groundwater Volatilization to Indoor Air Inhalation Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.17
PAOC 23 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*ISVIAIC*	*RDWPC*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-03*	*SB23-04*	*SB23-04*	*SB23-04*	*SB23-04*
Sample Depth:						*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*	*(9-11)*	*(0-3)*	*(3-6)*	*(6-9)*	*(9-11)*
Sample ID:						*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-0732*	*SO-17303-060305-DR-0733*	*SO-17303-060305-DR-0734*	*SO-17303-060305-DR-0735*
Sample Date:						*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*	*6/3/2005*
Sample Type:										*Duplicate*				
Parameter:	*Units*	*a*	*b*	*c*	*d*									
Metals														
Aluminum	mg/kg	1000000			1	--	--	--	--	--	--	--	--	--
Antimony	mg/kg	49000	94		4.3	**1.9 J**	**0.028 J**	R	**0.036 J**	**0.083 J**	**0.84 J**	**0.039 J**	0.16 UJ	**0.089 J**
Arsenic	mg/kg	2000	70		4.6	**2.5**	**1.8**	**3.4**	**1.3**	**1.4**	**1.9**	**3.5**	**1.3**	**1.7**
Barium	mg/kg	1000000	1220		1300	**28.2**	**9.6**	**17.9**	**13.0**	**9.9**	**25.3**	**7.5**	**4.6**	**10.3**
Beryllium	mg/kg	1000000	951		51	**0.30**	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	**0.16**	0.16 U
Cadmium	mg/kg	230000	3		6	**0.39**	**0.034 J**	0.080 U	**0.025 J**	**0.055 J**	**0.25**	0.080 U	**0.074 J**	**0.051 J**
Calcium	mg/kg					--	--	--	--	--	--	--	--	--
Chromium Total	mg/kg	140000	3.3		30	*18.5* [b]	*14.4* [b]	*10.2* [b]	*11.3* [b]	*8.0* [b]	*10.4* [b]	*24.9* [b]	*21.8* [b]	*21.9* [b]
Cobalt	mg/kg	48000	2		0.8	*3.2* [bd]	*2.7* [bd]	*3.6* [bd]	*3.6* [bd]	*2.8* [bd]	*1.9* [d]	*2.9* [bd]	*1.7* [d]	*2.2* [bd]
Copper	mg/kg	1000000	165		5800	**8.2**	**5.8**	**8.2**	**7.7**	**6.2**	**5.2**	**6.2**	**3.1**	**4.4**
Iron	mg/kg	1000000			6	--	--	--	--	--	--	--	--	--
Lead	mg/kg		2460		700	--	--	--	--	--	--	--	--	--
Lead - Coarse Fraction	mg/kg		2460		700	**11.6**	**10.7**	**5.0**	**6.2**	**5.2**	**51.0**	**5.4**	**8.7**	**4.6**
Lead - Fine Fraction	mg/kg		2460		700	**15.7**	**5.4**	**6.6**	**6.7**	**5.5**	**50.9**	**4.7**	**20.4**	**5.1**
Lead - Total (fine/coarse fraction)	mg/kg		2460		700	**12.8**	**7.7**	**5.8**	**6.5**	**5.4**	**51.5**	**5.1**	**13.1**	**5.0**
Magnesium	mg/kg	1000000			8000	--	--	--	--	--	--	--	--	--
Manganese	mg/kg	180000	72		1	*199* [bd]	*63.7* [d]	*139* [bd]	*104* [bd]	*135* [bd]	*211* [bd]	*86.9* [bd]	*118* [bd]	*140* [bd]
Mercury	mg/kg	47	0.1	89	1.7	0.040 U	**0.033 J**	0.040 U	0.040 U	0.040 U	**0.017 J**	**0.0093 J**	**0.0080 J**	0.040 U
Nickel	mg/kg	1000000	172		100	**7.8**	**5.7**	**8.0**	**8.7**	**6.0**	**5.1**	**6.0**	**3.6**	**5.3**
Potassium	mg/kg					--	--	--	--	--	--	--	--	--
Selenium	mg/kg	78000	0.4		4	0.16 U	**0.094 J**	**0.11 J**	**0.10 J**	0.16 U	**0.095 J**	**0.098 J**	0.16 U	0.16 U
Silver	mg/kg	200000	0.1		4.5	**0.042 J**	**0.017 J**	**0.026 J**	**0.029 J**	**0.031 J**	**0.050 J**	**0.029 J**	**0.018 J**	**0.024 J**
Sodium	mg/kg	1000000			2500	--	--	--	--	--	--	--	--	--
Thallium	mg/kg	15000	4.2		2.3	**0.066 J**	**0.035 J**	**0.061 J**	**0.060 J**	**0.054 J**	**0.055 J**	**0.054 J**	**0.025 J**	**0.042 J**
Vanadium	mg/kg	1000000	190		72	**9.8**	**8.5**	**14.4**	**12.5**	**8.9**	**7.0**	**11.1**	**5.5**	**8.6**
Zinc	mg/kg	1000000	372		2400	**50.2 J**	**20.6**	**16.8**	**18.5**	**17.9**	**68.8**	**15.1**	**10.9 J**	**12.5**
PCBs														
Aroclor-1016 (PCB-1016)	mg/kg			16000		0.26 U	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			16000		0.26 U	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			16000		0.26 U	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			16000		0.26 U	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			16000		**0.011 J**	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			16000		0.26 U	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			16000		**0.065 J**	**0.024 J**	0.26 U	**0.0052 J**	**0.0079 J**	**0.88**	0.26 U	0.26 U	**0.094 J**
Total PCBs	mg/kg			16000		**0.077 J**	0.26 U	0.26 U	0.26 U	0.26 U	**0.88**	0.26 U	0.26 U	**0.094 J**

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

ISVIAIC Industrial Soil Volatilization to Indoor Air Inhalation Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.18

PAOC 23 LNAPL ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Sample Location:		***IW-40***
Sample ID;		***W-17303-032106-NR-0994***
Sample Date:		***3/21/2006***
Parameter:	***Units***	
VOCs		
1,1,1-Trichloroethane	ug/kg	2900000 U
1,1,2,2-Tetrachloroethane	ug/kg	2900000 U
1,1,2-Trichloroethane	ug/kg	2900000 U
1,1-Dichloroethane	ug/kg	2900000 U
1,1-Dichloroethene	ug/kg	2900000 U
1,2,4-Trichlorobenzene	ug/kg	5700000 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/kg	5700000 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg	2900000 U
1,2-Dichlorobenzene	ug/kg	5700000 U
1,2-Dichloroethane	ug/kg	2900000 U
1,2-Dichloropropane	ug/kg	2900000 U
1,3-Dichlorobenzene	ug/kg	5700000 U
1,4-Dichlorobenzene	ug/kg	5700000 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	12000000 U
2-Hexanone	ug/kg	12000000 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	12000000 U
Acetone	ug/kg	12000000 U
Benzene	ug/kg	510000 J
Bromodichloromethane	ug/kg	2900000 U
Bromoform	ug/kg	2900000 U
Bromomethane (Methyl Bromide)	ug/kg	5700000 UJ
Carbon disulfide	ug/kg	2900000 U
Carbon tetrachloride	ug/kg	2900000 U
Chlorobenzene	ug/kg	2900000 U
Chloroethane	ug/kg	5700000 U
Chloroform (Trichloromethane)	ug/kg	2900000 U
Chloromethane (Methyl Chloride)	ug/kg	5700000 U
cis-1,2-Dichloroethene	ug/kg	10000000
cis-1,3-Dichloropropene	ug/kg	2900000 U
Cyclohexane	ug/kg	12000000 U
Dibromochloromethane	ug/kg	2900000 U
Dichlorodifluoromethane (CFC-12)	ug/kg	5700000 U
Ethylbenzene	ug/kg	1400000 J
Isopropylbenzene	ug/kg	410000 J
Methyl acetate	ug/kg	5700000 U
Methyl cyclohexane	ug/kg	900000 J
Methyl Tert Butyl Ether	ug/kg	12000000 U
Methylene chloride	ug/kg	2900000 U
Styrene	ug/kg	2900000 UJ
Tetrachloroethene	ug/kg	2900000 U
Toluene	ug/kg	13000000
trans-1,2-Dichloroethene	ug/kg	1500000 U
trans-1,3-Dichloropropene	ug/kg	2900000 U
Trichloroethene	ug/kg	57000000
Trichlorofluoromethane (CFC-11)	ug/kg	5700000 U
Trifluorotrichloroethane (Freon 113)	ug/kg	12000000 U
Vinyl chloride	ug/kg	620000 J
Xylene (total)	ug/kg	10000000

TABLE - 2.18

PAOC 23 LNAPL ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Sample Location:		***IW-40***
Sample ID;		***W-17303-032106-NR-0994***
Sample Date:		***3/21/2006***
Parameter:	***Units***	
SVOCs		
2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl) ether)	ug/kg	130000 U
2,4,5-Trichlorophenol	ug/kg	130000 U
2,4,6-Trichlorophenol	ug/kg	130000 U
2,4-Dichlorophenol	ug/kg	130000 U
2,4-Dimethylphenol	ug/kg	130000 U
2,4-Dinitrophenol	ug/kg	640000 U
2,4-Dinitrotoluene	ug/kg	130000 U
2,6-Dinitrotoluene	ug/kg	130000 U
2-Chloronaphthalene	ug/kg	130000 U
2-Chlorophenol	ug/kg	130000 U
2-Methylnaphthalene	ug/kg	190000
2-Methylphenol	ug/kg	130000 U
2-Nitroaniline	ug/kg	640000 U
2-Nitrophenol	ug/kg	130000 U
3,3'-Dichlorobenzidine	ug/kg	640000 U
3-Nitroaniline	ug/kg	640000 U
4,6-Dinitro-2-methylphenol	ug/kg	640000 U
4-Bromophenyl phenyl ether	ug/kg	130000 U
4-Chloro-3-methylphenol	ug/kg	130000 U
4-Chloroaniline	ug/kg	130000 U
4-Chlorophenyl phenyl ether	ug/kg	130000 U
4-Methylphenol	ug/kg	130000 U
4-Nitroaniline	ug/kg	640000 U
4-Nitrophenol	ug/kg	640000 U
Acenaphthene	ug/kg	180000
Acenaphthylene	ug/kg	130000 U
Acetophenone	ug/kg	130000 U
Anthracene	ug/kg	52000 J
Atrazine	ug/kg	130000 U
Benzaldehyde	ug/kg	130000 U
Benzo(a)anthracene	ug/kg	130000
Benzo(a)pyrene	ug/kg	71000 J
Benzo(b)fluoranthene	ug/kg	92000 J
Benzo(g,h,i)perylene	ug/kg	38000 J
Benzo(k)fluoranthene	ug/kg	57000 J
Biphenyl	ug/kg	37000 J
bis(2-Chloroethoxy)methane	ug/kg	130000 U
bis(2-Chloroethyl)ether	ug/kg	130000 U
bis(2-Ethylhexyl)phthalate	ug/kg	130000 U
Butyl benzylphthalate	ug/kg	130000 U
Caprolactam	ug/kg	130000 U
Carbazole	ug/kg	130000 U
Chrysene	ug/kg	110000 J
Dibenz(a,h)anthracene	ug/kg	11000 J
Dibenzofuran	ug/kg	130000
Diethyl phthalate	ug/kg	130000 U
Dimethyl phthalate	ug/kg	130000 U
Di-n-butylphthalate	ug/kg	1400000
Di-n-octyl phthalate	ug/kg	130000 U
Fluoranthene	ug/kg	470000
Fluorene	ug/kg	120000 J
Hexachlorobenzene	ug/kg	130000 U
Hexachlorobutadiene	ug/kg	130000 U
Hexachlorocyclopentadiene	ug/kg	640000 U
Hexachloroethane	ug/kg	130000 U
Indeno(1,2,3-cd)pyrene	ug/kg	35000 J
Isophorone	ug/kg	130000 U
Naphthalene	ug/kg	650000
Nitrobenzene	ug/kg	130000 U
N-Nitrosodi-n-propylamine	ug/kg	130000 U
N-Nitrosodiphenylamine	ug/kg	130000 U
Pentachlorophenol	ug/kg	130000 U
Phenanthrene	ug/kg	730000
Phenol	ug/kg	130000 U
Pyrene	ug/kg	300000

TABLE - 2.18

PAOC 23 LNAPL ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MICHIGAN

Sample Location:		***IW-40***
Sample ID;		***W-17303-032106-NR-0994***
Sample Date:		***3/21/2006***
Parameter:	***Units***	
Metals		
Antimony	mg/kg	1.9 J
Arsenic	mg/kg	30.0 U
Barium	mg/kg	0.49 J
Beryllium	mg/kg	0.50 U
Cadmium	mg/kg	6.0
Chromium Total	mg/kg	807
Cobalt	mg/kg	5.0 U
Copper	mg/kg	2.5 U
Lead	mg/kg	10.0 U
Manganese	mg/kg	1.1 J
Mercury	mg/kg	0.10 UJ
Nickel	mg/kg	0.43 J
Selenium	mg/kg	0.32 J
Silver	mg/kg	1.0 U
Thallium	mg/kg	0.69 J
Vanadium	mg/kg	3.7 J
Zinc	mg/kg	55.7
PCBs		
Aroclor-1016 (PCB-1016)	ug/kg	2000 U
Aroclor-1221 (PCB-1221)	ug/kg	2000 U
Aroclor-1232 (PCB-1232)	ug/kg	2000 U
Aroclor-1242 (PCB-1242)	ug/kg	2000 U
Aroclor-1248 (PCB-1248)	ug/kg	30000
Aroclor-1254 (PCB-1254)	ug/kg	2000 U
Aroclor-1260 (PCB-1260)	ug/kg	21000
Petrl Prod		
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	650000
General Chemistry		
Heating value	Btu/lb	16400
Ignitability	Deg F	102
Specific gravity	g/mL	0.89
Viscosity	cp	32.5

Notes:

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.

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.

TABLE - 2.19
PAOC 29 VOCs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*GS-1*	*GS-2*	*GS-3*	*GS-4*	*MW-3*	*MW19-12*	*MW19-13*	*MW19-16*	*OutFall #11*	*OutFall #11*
Depth															
Sample ID:						*GW-17303-012904-MM-288*	*GW-17303-012804-MM-283*	*WG-17303-060607-EV-023*	*WG-17303-060607-EV-022*	*GW-17303-112602-MM-152*	*WG-17303-060607-DR-021*	*GW-17303-120303-DCR-275*	*GW-17303-120203-DCR-263*	*GW-17303-120303-DCR-274*	*GW-17303-DCR-121003*
Sample Date:						*1/29/2004*	*1/28/2004*	*6/6/2007*	*6/6/2007*	*11/26/2002*	*6/6/2007*	*12/3/2003*	*12/2/2003*	*12/3/2003*	*12/10/2003*
Sample Type:															
Parameter:	*Units*	*a*	*b*	*d*	*e*										
VOCs															
1,1,1,2-Tetrachloroethane	mg/L	30	0.019	0.077		--	--	--	--	0.001 U	--	--	--	--	--
1,1,1-Trichloroethane	mg/L	1300	0.2	0.2	1.6	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.0032	0.0085	1.8	1.7 U	0.83 U	0.02 UJ	0.0067 UJ	0.001 U	0.029 UJ	0.004 U	0.5 U	0.02 U	0.001 U
1,1,2-Trichloroethane	mg/L	21	0.012	0.005	5.6	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,1-Dichloroethane	mg/L	2400	0.74	0.88	13	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,1-Dichloroethene	mg/L	11	0.024	0.007	2.3	1.7 U	0.83 U	0.02 U	0.0067 U	*0.015* [a]	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,2,3-Trichloropropane	mg/L	84		0.042		--	--	--	--	0.001 U	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/L	19	0.03	0.07	0.2	8.3 U	4.2 U	0.1 U	0.033 U	0.001 U	0.14 U	0.02 U	2.5 U	0.1 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	56	0.017	0.063	0.31	--	--	0.02 U	0.0067 U	0.001 U	**0.0051 J**	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/L	0.39		0.0002		1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,2-Dibromoethane	mg/L	0.025	0.00005	0.00005	0.28	1.7 U	0.83 U	0.02 U	0.0067 U	--	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,2-Dichlorobenzene	mg/L	160	0.016	0.6	0.28	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,2-Dichloroethane	mg/L	19	0.006	0.005	15	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,2-Dichloropropane	mg/L	16	0.0091	0.005	4.0	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	61	0.045	0.072	0.81	--	--	0.02 U	0.0067 U	0.001 U	0.029 U	--	--	--	--
1,3-Dichlorobenzene	mg/L	2	0.038	0.0066	0.2	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	*0.015 J* [d]	0.004 U	0.5 U	0.02 U	0.001 U
1,4-Dichlorobenzene	mg/L	6.4	0.013	0.075	0.2	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
2-Butanone	mg/L	240000	2.2	13	40	42 U	21 U	0.5 U	0.17 U	0.025 U	0.71 U	0.1 U	12 U	0.5 U	0.025 U
2-Hexanone	mg/L	5200		1		83 U	42 U	1 U	0.33 U	0.05 U	1.4 U	0.2 U	25 U	1 U	0.05 U
4-Methyl-2-Pentanone	mg/L	13000		1.8		83 U	42 U	1 UJ	0.33 UJ	0.05 U	1.4 UJ	0.2 U	25 U	1 U	0.05 U
Acetone	mg/L	31000	1.7	0.73	30	*1.2 J* [d]	21 U	0.5 U	0.17 U	0.025 U	0.71 U	0.1 U	12 U	0.5 U	0.025 U
Benzene	mg/L	11	0.012	0.005	1.8	1.7 U	0.83 U	*0.0051 J* [d]	**0.0017 J**	*0.059* [bd]	*0.024 J* [bd]	*0.009* [d]	0.5 U	0.02 U	0.001 U
Bromodichloromethane	mg/L	14		0.08		1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Bromoform	mg/L	140		0.08		1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Bromomethane	mg/L	70	0.035	0.01	0.64	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Carbon disulfide	mg/L	1200		0.8		8.3 U	4.2 U	0.1 U	0.033 U	0.005 U	0.14 U	0.02 U	2.5 U	0.1 U	0.005 U
Carbon tetrachloride	mg/L	4.6	0.0056	0.005	1.6	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Chlorobenzene	mg/L	86	0.047	0.1	0.85	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	**0.019 J**	0.004 U	0.5 U	**0.0049 J**	0.001 U
Chlorobromomethane	mg/L					--	--	--	--	0.001 U	--	--	--	--	--
Chloroethane	mg/L	440		0.43	20	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	**0.0096 J**	0.004 U	0.5 U	0.02 U	0.001 U
Chloroform	mg/L	150	0.077	0.08	2.6	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Chloromethane	mg/L	490		0.26		1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
cis-1,2-Dichloroethene	mg/L	200	0.62	0.07	11	*1.6 J* [bd]	*6.9* [bd]	**0.067**	**0.0024 J**	*9.8* [bd]	*0.28* [d]	**0.031**	*4.9* [bd]	*0.5* [d]	**0.0037**
cis-1,3-Dichloropropene	mg/L					1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Cyclohexane	mg/L					1.7 U	0.83 U	0.02 U	0.0067 U	--	**0.0042 J**	**0.0058**	0.5 U	0.02 U	0.001 U
Dibromochloromethane	mg/L	18		0.08		1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Dibromomethane	mg/L	530		0.08		--	--	--	--	0.001 U	--	--	--	--	--
Dichlorodifluoromethane	mg/L	300		1.7		1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Ethyl Ether	mg/L	35000		0.01		--	--	--	--	0.02 U	--	--	--	--	--
Ethylbenzene	mg/L	170	0.018	0.074	0.32	1.7 U	0.83 U	0.02 U	0.0067 U	**0.001**	*0.087* [bd]	0.004 U	0.5 U	0.02 U	0.001 U
Iodomethane	mg/L					--	--	--	--	0.01 U	--	--	--	--	--
Isopropylbenzene	mg/L	56		0.8		8.3 U	4.2 U	0.1 U	0.033 U	0.005 U	0.14 U	0.02 U	2.5 U	0.1 U	0.005 U
Methyl acetate	mg/L					17 U	8.3 U	0.2 U	0.067 U	--	0.29 U	0.04 U	5 U	0.2 U	0.01 U
Methyl cyclohexane	mg/L					1.7 U	0.83 U	0.02 U	0.0067 U	--	0.029 U	**0.0014 J**	0.5 U	0.02 U	0.001 U
Methyl Tert Butyl Ether	mg/L	610	0.1	0.04	13	8.3 U	4.2 U	0.1 U	0.033 U	--	0.14 U	0.02 U	2.5 U	0.1 U	0.005 U
Methylene chloride	mg/L	220	0.047	0.005	17	8.3 U	*0.53 J* [bd]	0.1 U	0.033 U	0.005 U	0.14 U	0.02 U	2.5 U	0.1 U	0.005 U
m-xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/L	31	0.013	0.52	0.2	--	--	--	--	0.005 U	--	--	--	--	--
n-Propylbenzene	mg/L	15		0.08		--	--	--	--	0.005 U	--	--	--	--	--
o-Xylene	mg/L	190	0.035	0.28		--	--	--	--	--	--	--	--	--	--
Styrene	mg/L	9.7	0.08	0.1	2.9	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Tetrachloroethene	mg/L	12	0.011	0.005	0.71	1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Toluene	mg/L	530	0.14	0.79	1.7	1.7 U	0.83 U	0.02 U	0.0067 U	**0.048**	**0.029**	0.004 U	0.5 U	0.02 U	**0.00073 J**
trans-1,2-Dichloroethene	mg/L	220	1.5	0.1	28	1.7 U	*0.24 J* [d]	0.02 U	0.0067 U	*0.42 J* [d]	**0.01 J**	0.004 U	*0.19 J* [d]	**0.011 J**	0.001 U
trans-1,3-Dichloropropene	mg/L					1.7 U	0.83 U	0.02 U	0.0067 U	0.001 U	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L					--	--	--	--	0.05 U	--	--	--	--	--
Trichloroethene	mg/L	22	0.029	0.005	3.5	1.7 U	0.83 U	0.02 U	0.0067 U	**0.001**	0.029 U	0.004 U	0.5 U	*0.04* [bd]	**0.00044 J**
Trichlorofluoromethane	mg/L	1100		2.6		1.7 U	0.83 U	0.02 U	0.0067 U	--	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Trifluorotrichloroethane	mg/L	170	0.032	170	0.57	1.7 U	0.83 U	0.02 U	0.0067 U	--	0.029 U	0.004 U	0.5 U	0.02 U	0.001 U
Vinyl chloride	mg/L	1	0.015	0.002	17	*44* [abde]	*19* [abde]	*0.61* [bd]	*0.2* [bd]	*19* [abde]	*0.83* [bd]	*0.12* [bd]	*12* [abd]	*0.39* [bd]	*0.0035* [d]
Xylene (total)	mg/L	190	0.035	0.28	0.63	3.3 U	1.7 U	0.04 U	0.013 U	**0.006**	**0.017 J**	0.008 U	1 U	0.04 U	0.002 U

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.20
PAOC 29 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*MW19-12*	*MW19-12*	*MW19-14*	*MW19-14*	*MW19-15*	*MW19-15*	*MW19-15*	*SB19-05*	*SB21-01*	*SB22-01*	*SB22-01*	*SB22-02*	*SB22-04*	*SB22-05*	*SB22-05*
Sample Depth:					*(0-2)*	*(11.5-13.5)*	*(0-2)*	*(11-13)*	*(0-2)*	*(7-9)*	*(9-9.5)*	*(6-8)*	*(1-3)*	*(7-9)*	*(9-9.5)*	*(8-10)*	*(7-9)*	*(9-10)*	*(11-13)*
Sample ID:					*S-17303-111903-DD-215*	*S-17303-111903-DD-216*	*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-17303-111303-DD-212*	*S-17303-111203-DD-208*	*S-17303-051804-DCR-319*	*S-17303-051804-DCR-320*	*S-17303-051804-DCR-322*	*S-17303-051804-DCR-321*	*S-17303-051804-DCR-323*	*S-17303-051804-DCR-324*
Sample Date:					*11/19/2003*	*11/19/2003*	*11/12/2003*	*11/12/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/13/2003*	*11/12/2003*	*5/18/2004*	*5/18/2004*	*5/18/2004*	*5/18/2004*	*5/18/2004*	*5/18/2004*
Sample Type:																			
Parameter:	*Units*	*a*	*b*	*d*															
VOCs																			
1,1,1,2-Tetrachloroethane	mg/kg	440		1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	mg/kg	460	4	4	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
1,1,2,2-Tetrachloroethane	mg/kg	94	1.6	0.17	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
1,1,2-Trichloroethane	mg/kg	420	6.6	0.1	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
1,1-Dichloroethane	mg/kg	890	15	18	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
1,1-Dichloroethene	mg/kg	220	1.3	0.14	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
1,2,3-Trichloropropane	mg/kg	830		0.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	mg/kg	1100	1.8	4.2	0.23 U	**0.58**	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
1,2,4-Trimethylbenzene	mg/kg	110	0.57	2.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	mg/kg	1.2		0.01	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
1,2-Dibromoethane	mg/kg	0.5	0.02	0.02	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
1,2-Dichlorobenzene	mg/kg	210	0.36	14	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
1,2-Dichloroethane	mg/kg	380	7.2	0.1	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	**0.017 J**	0.058 U	0.06 U	2.8 U
1,2-Dichloroethene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	mg/kg	320	5.8	0.1	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
1,3,5-Trimethylbenzene	mg/kg	94	1.1	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	mg/kg	51	1.1	0.17	0.094 U	**0.14**	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
1,3-Dichloropropene	mg/kg	110		0.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	mg/kg	140	0.29	1.7	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
1-Chloro-2,3-epoxypropane	mg/kg	220		0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	mg/kg	27000	44	260	0.7 U	0.85 U	1.6 U	3.2 U	0.61 U	R	R	0.99 UJ	7.6 U	0.93 U	R	0.98 U	0.86 U	0.9 U	43 U
2-Hexanone	mg/kg	2500		20	2.3 U	2.8 U	5.3 U	11 U	2 U	R	R	3.3 UJ	25 U	3.1 U	R	3.3 U	2.9 U	3 U	140 U
2-Nitropropane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	mg/kg	2700		36	2.3 U	2.8 U	5.3 U	11 U	2 U	R	R	3.3 UJ	25 U	3.1 U	R	3.3 U	2.9 U	3 U	140 U
Acetone	mg/kg	110000	34	15	0.7 U	0.85 U	1.6 U	3.2 U	0.61 U	**0.23 J**	**0.3 J**	0.99 UJ	7.6 U	0.93 U	**0.5 J**	0.98 U	0.86 U	0.9 U	43 U
alpha-methylstyrene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	220	4	0.1	0.047 U	**0.018 J**	0.11 U	0.21 U	0.041 U	**0.018 J**	R	0.066 UJ	0.5 U	**0.041 J**	R	0.065 U	0.058 U	0.06 U	2.8 U
Bromobenzene	mg/kg	360		0.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	mg/kg	280		1.6	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
Bromoform	mg/kg	870		1.6	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
Bromomethane	mg/kg	1400	0.7	0.2	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
Carbon disulfide	mg/kg	280		16	0.23 U	**0.032 J**	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	**0.09 J**	R	**0.031 J**	0.29 U	0.3 U	14 U
Carbon tetrachloride	mg/kg	92	0.9	0.1	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Chlorobenzene	mg/kg	260	0.94	2	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Chlorobromomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	mg/kg	950		8.6	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
Chloroform	mg/kg	1500	3.4	1.6	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Chloromethane	mg/kg	1100		5.2	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
cis-1,2-Dichloroethene	mg/kg	640	12	1.4	0.047 U	**0.041 J**	0.11 U	**0.21**	0.041 U	**0.03 J**	R	0.066 UJ	*9.9* [d]	**0.19**	R	0.065 U	**0.088**	0.06 U	2.8 U
cis-1,3-Dichloropropene	mg/kg				0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Cyclohexane	mg/kg				1.1 U	**0.089 J**	2.5 U	5 U	0.98 U	R	R	1.6 UJ	**0.22 J**	1.5 U	R	1.6 U	1.4 U	1.4 U	**1.7 J**
Cyclohexanone	mg/kg	220000		5200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE - 2.20
PAOC 29 VOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		***GCPC***	***GSIPC***	***RDWPC***	***MW19-12***	***MW19-12***	***MW19-14***	***MW19-14***	***MW19-15***	***MW19-15***	***MW19-15***	***SB19-05***	***SB21-01***	***SB22-01***	***SB22-01***	***SB22-02***	***SB22-04***	***SB22-05***	***SB22-05***
Sample Depth:					***(0-2)***	***(11.5-13.5)***	***(0-2)***	***(11-13)***	***(0-2)***	***(7-9)***	***(9-9.5)***	***(6-8)***	***(1-3)***	***(7-9)***	***(9-9.5)***	***(8-10)***	***(7-9)***	***(9-10)***	***(11-13)***
Sample ID:					***S-17303-111903-DD-215***	***S-17303-111903-DD-216***	***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-17303-111303-DD-212***	***S-17303-111203-DD-208***	***S-17303-051804-DCR-319***	***S-17303-051804-DCR-320***	***S-17303-051804-DCR-322***	***S-17303-051804-DCR-321***	***S-17303-051804-DCR-323***	***S-17303-051804-DCR-324***
Sample Date:					***11/19/2003***	***11/19/2003***	***11/12/2003***	***11/12/2003***	***11/11/2003***	***11/11/2003***	***11/11/2003***	***11/13/2003***	***11/12/2003***	***5/18/2004***	***5/18/2004***	***5/18/2004***	***5/18/2004***	***5/18/2004***	***5/18/2004***
Sample Type:																			
Parameter:	***Units***	***a***	***b***	***d***															
Cymene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	mg/kg	360		1.6	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Dibromomethane	mg/kg	2000		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	mg/kg	1000		95	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
Ethyl Ether	mg/kg	7400		0.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/kg	140	0.36	1.5	0.047 U	**0.028 J**	0.11 U	0.21 U	0.041 U	**0.042 J**	R	**0.17 J**	*1.5* [b]	**0.23**	R	**0.084**	**0.019 J**	0.06 U	*16* [bd]
Iodomethane	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	mg/kg	390		91	0.23 U	**0.028 J**	0.53 U	1.1 U	0.2 U	R	R	**0.079 J**	**1.9 J**	**0.12 J**	R	**0.16 J**	0.29 U	0.3 U	**20**
Methyl acetate	mg/kg				1.1 U	**0.29 J**	2.5 U	5 U	**0.063 J**	R	**0.22 J**	**0.25 J**	12 U	**0.1 J**	R	**0.24 J**	**0.11 J**	**0.58 J**	68 U
Methyl cyclohexane	mg/kg				1.1 U	**0.31 J**	2.5 U	5 U	**0.042 J**	**0.029 J**	R	**0.25 J**	**3.8 J**	**0.13 J**	R	**0.13 J**	1.4 U	1.4 U	**17 J**
Methyl Tert Butyl Ether	mg/kg	5900	15	0.8	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
Methylene chloride	mg/kg	2300	19	0.1	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
Naphthalene	mg/kg	2100	0.87	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	mg/kg	300		1.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
o-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
p-Xylene	mg/kg	150	0.7	5.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	mg/kg	270	2.2	2.7	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Tetrachloroethene	mg/kg	88	0.9	0.1	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
Toluene	mg/kg	250	2.8	16	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	**0.02 J**	R	**0.022 J**	**1.9**	**0.055 J**	R	**0.026 J**	**0.015 J**	0.12 U	**0.89 J**
trans-1,2-Dichloroethene	mg/kg	1400	30	2	0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	**1.9**	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
trans-1,3-Dichloropropene	mg/kg				0.047 U	0.057 U	0.11 U	0.21 U	0.041 U	R	R	0.066 UJ	0.5 U	0.062 U	R	0.065 U	0.058 U	0.06 U	2.8 U
trans-1,4-Dichloro-2-butene	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	mg/kg	440	4	0.1	*0.31* [d]	*0.47* [d]	*1.2* [d]	*5.2* [bd]	**0.022 J**	**0.091 J**	R	0.066 UJ	*7.3* [bd]	**0.098**	R	**0.065**	**0.064**	0.06 U	2.8 U
Trichlorofluoromethane	mg/kg	560		52	0.094 U	0.11 U	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	0.12 U	R	0.13 U	0.12 U	0.12 U	5.7 U
Trifluorotrichloroethane	mg/kg	550	1.7	550	0.23 U	0.28 U	0.53 U	1.1 U	0.2 U	R	R	0.33 UJ	2.5 U	0.31 U	R	0.33 U	0.29 U	0.3 U	14 U
Vinyl chloride	mg/kg	20	0.3	0.04	0.094 U	*0.15* [d]	0.21 U	0.42 U	0.082 U	R	R	0.13 UJ	1 U	*0.32* [bd]	R	0.13 U	0.12 U	0.12 U	5.7 U
Xylene (total)	mg/kg	150	0.7	5.6	0.47 U	0.57 U	1.1 U	2.1 U	0.41 U	**0.19 J**	R	**0.64 J**	*32* [bd]	*1.2* [b]	R	**0.31 J**	**0.053 J**	0.6 U	*180* [abd]

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.21
PAOC 29 SVOCs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*MW19-14*	*MW19-14*	*MW19-15*	*MW19-15*	*MW19-15*	*SB19-05*	*SB21-01*	*SB22-02*	*SB22-04*	*SB22-05*	*SB22-05*
Sample Depth:					*(0-2)*	*(11-13)*	*(0-2)*	*(7-9)*	*(9-9.5)*	*(6-8)*	*(1-3)*	*(8-10)*	*(7-9)*	*(9-10)*	*(11-13)*
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-17303-111303-DD-212*	*S-17303-111203-DD-208*	*S-17303-051804-DCR-322*	*S-17303-051804-DCR-321*	*S-17303-051804-DCR-323*	*S-17303-051804-DCR-324*
Sample Date:					*11/12/2003*	*11/12/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/13/2003*	*11/12/2003*	*5/18/2004*	*5/18/2004*	*5/18/2004*	*5/18/2004*
Sample Type:															
Parameter:	*Units*	*a*	*b*	*d*											
SVOCs															
2,2'-oxybis(1-Chloropropane)	mg/kg				1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2,4,5-Trichlorophenol	mg/kg	9100		39	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2,4,6-Trichlorophenol	mg/kg	200	0.33	2.4	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2,4-Dichlorophenol	mg/kg	960	0.38	1.5	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2,4-Dimethylphenol	mg/kg	10000	7.6	7.4	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2,4-Dinitrophenol	mg/kg				7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
2,4-Dinitrotoluene	mg/kg	170		0.43	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 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	8.3 U	40 U	0.37 U	0.65 U
2-Chloronaphthalene	mg/kg	2300		620	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2-Chlorophenol	mg/kg	1900	0.44	0.9	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2-Methylnaphthalene	mg/kg	5500		57	1.5 U	0.38 U	0.36 U	**1.8 J**	**0.1 J**	**9.2**	**27**	**1.2 J**	40 U	0.37 U	**0.27 J**
2-Methylphenol	mg/kg	16000	1.4	7.4	1.5 U	0.38 U	0.36 U	**0.024 J**	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
2-Nitroaniline	mg/kg				7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
2-Nitrophenol	mg/kg	1600		0.4	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
3&4-Methylphenol	mg/kg	16000	1.4	7.4	--	--	--	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	mg/kg	4.6	2	2	7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
3-Nitroaniline	mg/kg				7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
4,6-Dinitro-2-methylphenol	mg/kg	190		0.83	7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 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	8.3 U	40 U	0.37 U	0.65 U
4-Chloro-3-methylphenol	mg/kg	3000	0.28	5.8	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 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	8.3 U	40 U	0.37 U	0.65 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	8.3 U	40 U	0.37 U	0.65 U
4-Methylphenol	mg/kg	16000	1.4	7.4	1.5 U	0.38 U	0.36 U	**0.08 J**	**0.04 J**	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
4-Nitroaniline	mg/kg				7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
4-Nitrophenol	mg/kg				7.3 U	1.9 U	1.7 U	**0.18 J**	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
Acenaphthene	mg/kg	970	4.4	300	**0.17 J**	0.38 U	0.36 U	*4.9 J* [b]	**0.43 J**	4.2 U	8.4 U	**2.7 J**	*14 J* [b]	**0.018 J**	0.65 U
Acenaphthylene	mg/kg	440		5.9	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Acetophenone	mg/kg	1100		30	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Anthracene	mg/kg	41		41	**0.26 J**	**0.028 J**	**0.029 J**	**7.5 J**	**0.98**	**0.68 J**	**2.1 J**	**4.5 J**	**25 J**	**0.051 J**	0.65 U
Atrazine	mg/kg	110	0.15	0.06	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 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	8.3 U	40 U	0.37 U	0.65 U
Benzo(a)anthracene	mg/kg				**1.4 J**	**0.24 J**	**0.099 J**	**11 J**	**1.5**	**0.47 J**	**3.3 J**	**9.1**	**41**	**0.14 J**	0.65 U
Benzo(a)pyrene	mg/kg				**1.7**	**0.31 J**	**0.12 J**	**10 J**	**1.6**	**0.51 J**	**3.6 J**	**5.5 J**	**36 J**	**0.16 J**	0.65 U
Benzo(b)fluoranthene	mg/kg				**2**	**0.4**	**0.13 J**	**11 J**	**1.7**	**0.58 J**	**4.7 J**	**9.8**	**41**	**0.2 J**	0.65 U
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**	**5.3 J**	**20 J**	**0.12 J**	0.65 U
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**	**4.6 J**	**22 J**	**0.085 J**	0.65 U
Biphenyl	mg/kg				1.5 U	0.38 U	0.36 U	**0.46**	**0.077 J**	**0.9 J**	**2 J**	**0.37 J**	40 U	0.37 U	0.65 U
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	8.3 U	40 U	0.37 U	0.65 U
bis(2-Chloroethyl)ether	mg/kg	110	0.30	0.1	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
bis(2-Ethylhexyl)phthalate	mg/kg				1.5 U	**0.11 J**	**0.041 J**	**0.057 J**	0.49 U	4.2 U	8.4 U	**0.55 J**	40 U	0.37 U	0.65 U
Butyl benzylphthalate	mg/kg	310	26	310	1.5 U	0.38 U	0.36 U	**0.032 J**	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Caprolactam	mg/kg	1000000		120	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Carbazole	mg/kg	820	1.1	9.4	**0.41 J**	0.38 U	0.36 U	*4 J* [b]	**0.6**	4.2 U	8.4 U	*2.1 J* [b]	*12 J* [bd]	**0.016 J**	0.65 U
Chrysene	mg/kg				**2**	**0.32 J**	**0.13 J**	**10 J**	**1.7**	**0.57 J**	**4 J**	**10**	**41**	**0.18 J**	0.65 U
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	**0.4 J**	**4.9 J**	**0.021 J**	0.65 U
Dibenzofuran	mg/kg		1.7		**0.18 J**	0.38 U	0.36 U	*2.6 J* [b]	**0.27 J**	4.2 U	8.4 U	**1.1 J**	*7 J* [b]	0.37 U	0.65 U
Diethyl phthalate	mg/kg	740	2.2	110	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Dimethyl phthalate	mg/kg	790		790	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Di-n-butylphthalate	mg/kg	760	11	760	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Di-n-octyl phthalate	mg/kg	140000		100000	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Fluoranthene	mg/kg	730	5.5	730	**5.1**	**0.35 J**	**0.27 J**	*31* [b]	**5.1**	**1.4 J**	*8.6* [b]	*25* [b]	*110* [b]	**0.31 J**	0.65 U
Fluorene	mg/kg	890	5.3	390	**0.21 J**	0.38 U	0.36 U	**4.1 J**	**0.46 J**	**0.94 J**	**3 J**	**2.4 J**	*12 J* [b]	0.37 U	0.65 U
Hexachlorobenzene	mg/kg	8.2	0.35	1.8	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Hexachlorobutadiene	mg/kg	350	0.091	26	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Hexachlorocyclopentadiene	mg/kg	720		320	7.3 U	1.9 U	1.7 U	2 U	2.4 U	20 U	40 U	40 U	200 U	1.8 U	3.2 U
Hexachloroethane	mg/kg	110	1.8	0.43	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 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**	**4.4 J**	**19 J**	**0.1 J**	0.65 U
Isophorone	mg/kg	2400	11	15	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Naphthalene	mg/kg	2100	0.87	35	**0.12 J**	0.38 U	0.36 U	*5.2 J* [b]	**0.43 J**	*1.6 J* [b]	*4.3 J* [b]	*1.6 J* [b]	*8.4 J* [b]	0.37 U	**0.19 J**
Nitrobenzene	mg/kg	220	3.6	0.33	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
N-Nitrosodi-n-propylamine	mg/kg	7.2		0.33	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
N-Nitrosodiphenylamine	mg/kg	700		5.4	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Pentachlorophenol	mg/kg	4.3	17	0.022	1.5 U	0.38 U	0.36 U	0.41 U	0.49 U	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Phenanthrene	mg/kg	1100	5.3	56	**3.4**	**0.14 J**	**0.16 J**	*28* [b]	**3.9**	**2.5 J**	*9.6* [b]	*17* [b]	*95* [bd]	**0.17 J**	**0.041 J**
Phenol	mg/kg	12000	4.2	88	1.5 U	0.38 U	0.36 U	**0.059 J**	**0.11 J**	4.2 U	8.4 U	8.3 U	40 U	0.37 U	0.65 U
Pyrene	mg/kg	480		480	**3.4**	**0.37 J**	**0.2 J**	**21**	**3**	**1.2 J**	**7.4 J**	**18**	**82**	**0.27 J**	0.65 U
Pyridine	mg/kg	37		0.4	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

J The associated value is qualified as an estimated quantity.

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

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TABLE - 2.22
PAOC 29 METALS & PCBs IN GROUNDWATER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCC*	*GSI*	*RDW*	*FAV*	*GS-3*	*GS-4*	*MW19-12*	*MW19-14*	*MW19-15*
Depth										
Sample ID:						*WG-17303-060607-EV-023*	*WG-17303-060607-EV-022*	*WG-17303-060607-DR-021*	*GW-17303-052804-DR-356*	*GW-17303-012804-MM-284*
Sample Date:						*6/6/2007*	*6/6/2007*	*6/6/2007*	*5/28/2004*	*1/28/2004*
Sample Type:										
Parameter:	*Units*	*a*	*b*	*d*	*e*					
Metals										
Antimony	mg/L	68	0.002	0.006	2.3	**0.00024 J**	**0.00054 J**	**0.000084 J**	--	--
Arsenic	mg/L	4.3	0.05	0.01	0.68	0.005 U	**0.0049 J**	0.005 U	--	--
Barium	mg/L	14000	1.866	2	10.7	**0.0483 J**	**0.0676 J**	**0.159**	--	--
Beryllium	mg/L	290	0.0753	0.004	1.35	0.001 U	0.001 U	0.001 U	--	--
Cadmium	mg/L	190	0.0025	0.005	0.0373	**0.00013 J**	**0.00011 J**	0.0005 U	--	--
Chromium Total	mg/L	460	0.011	0.1		0.005 U	0.005 U	0.005 U	--	0.0050 U
Chromium VI (Hexavalent)	mg/L	460	0.011	0.1		--	--	--	--	--
Cobalt	mg/L	2400	0.1	0.04	0.74	0.007 U	**0.0028 J**	0.007 U	--	0.0070 U
Copper	mg/L	7400	0.0287	1	0.0972	**0.0026**	**0.0021**	**0.00068 J**	--	--
Iron	mg/L	58000		0.3		--	--	--	--	--
Iron (Dissolved)	mg/L	58000		0.3		--	--	--	--	--
Lead	mg/L		0.014	0.004	0.779	0.003 U	0.003 U	0.003 U	*0.0053* [d]	--
Manganese	mg/L	9100	3.6	0.05	27.6	*0.301* [d]	*1.26* [d]	*0.769* [d]	--	--
Manganese (Dissolved)	mg/L	9100	3.6	0.05	27.6	--	--	--	--	--
Mercury	mg/L	0.056	0.0000013	0.002		0.0002 U	0.0002 U	0.0002 U	--	--
Nickel	mg/L	74000	0.165	0.1	2.97	**0.006 J**	**0.0062 J**	0.02 U	--	--
Selenium	mg/L	970	0.005	0.05	0.12	**0.00098 J**	0.002 U	**0.0011 J**	--	**0.0017 J**
Silver	mg/L	1500	0.0002	0.034	0.0011	0.0002 U	0.0002 U	0.0002 U	--	0.00050 U
Thallium	mg/L	13	0.002	0.002	0.094	**0.0004 J**	0.001 U	0.001 U	--	--
Vanadium	mg/L	970	0.012	0.0045	0.22	0.004 U	0.004 U	0.004 U	--	--
Zinc	mg/L	110000	0.375	2.4	0.745	**0.0086 J**	**0.0036 J**	**0.0064 J**	--	--
PCBs										
Aroclor-1016 (PCB-1016)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Aroclor-1221 (PCB-1221)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Aroclor-1232 (PCB-1232)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Aroclor-1242 (PCB-1242)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Aroclor-1248 (PCB-1248)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Aroclor-1254 (PCB-1254)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Aroclor-1260 (PCB-1260)	mg/L	0.0033	0.0002	0.0005		0.0001 U	0.0001 UJ	0.0001 U	--	--
Total PCBs	mg/L	0.0033	0.0002	0.0005		--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance (bolded PCB values indicate an exceedance)

FAV Final Acute Value Criteria

GCC Groundwater Contact Criteria

GSI Groundwater Surface Water Interface Criteria

RDW Residential Drinking Water Criteria

J The associated value is qualified as an estimated quantity.

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.

TABLE - 2.23
PAOC 29 METALS & PCBs IN SOIL
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Sample Location:		*GCPC*	*GSIPC*	*RDWPC*	*MW19-12*	*MW19-12*	*MW19-14*	*MW19-14*	*MW19-15*	*MW19-15*	*MW19-15*	*SB19-05*	*SB21-01*	*SB22-02*	*SB22-04*	*SB22-05*	*SB22-05*
Sample Depth:					*(0-2)*	*(11.5-13.5)*	*(0-2)*	*(11-13)*	*(0-2)*	*(7-9)*	*(9-9.5)*	*(6-8)*	*(1-3)*	*(8-10)*	*(7-9)*	*(9-10)*	*(11-13)*
Sample ID:					*S-17303-111903-DD-215*	*S-17303-111903-DD-216*	*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-17303-111303-DD-212*	*S-17303-111203-DD-208*	*S-17303-051804-DCR-322*	*S-17303-051804-DCR-321*	*S-17303-051804-DCR-323*	*S-17303-051804-DCR-324*
Sample Date:					*11/19/2003*	*11/19/2003*	*11/12/2003*	*11/12/2003*	*11/11/2003*	*11/11/2003*	*11/11/2003*	*11/13/2003*	*11/12/2003*	*5/18/2004*	*5/18/2004*	*5/18/2004*	*5/18/2004*
Sample Type:																	
Parameter:	*Units*	*a*	*b*	*d*													
Metals																	
Aluminum	mg/kg	1000000		1	*4450* [a]	*3320* [a]	*4660* [a]	*6000* [a]	*5740* [a]	*5010* [a]	*2730* [a]	*6780* [a]	*4460* [a]	*6200* [a]	*6720* [a]	*4660* [a]	*4880* [a]
Antimony	mg/kg	49000	94	4.3	**3.4**	0.63 U	*18.3* [a]	*307* [bd]	**0.37 J**	*54.5 J* [a]	*16.5 J* [a]	*8.2* [a]	*573* [bd]	*30.5 J* [a]	*10.9 J* [a]	**2.5 J**	0.99 UJ
Arsenic	mg/kg	2000	70	4.6	**2.3**	**3.2**	*6.7* [a]	*90.7* [bd]	*5.3* [a]	*36.2* [a]	*6.2* [a]	*5.9* [a]	*20.3* [a]	*13.6 J* [a]	*8.1 J* [a]	**4.2 J**	*8.7 J* [a]
Barium	mg/kg	1000000	1220	1300	**38.8**	**19.5**	**296**	*5070* [bd]	**46.4**	**538**	**344**	**343**	*4020* [bd]	**746**	*1610* [bd]	**119**	**63.7**
Beryllium	mg/kg	1000000	951	51	0.22 U	0.25 U	**0.29**	**2.1**	**0.14 J**	0.25 U	**0.045 J**	**0.38**	**0.25**	**0.39**	**0.40**	**0.28**	0.40 U
Cadmium	mg/kg	230000	3	6	**0.64**	*14.0* [bd]	*9.3* [bd]	*171* [bd]	**0.45**	*1170* [bd]	*9.7* [bd]	*5.7* [b]	*244* [bd]	*83.1 J* [bd]	*46.3 J* [bd]	*9.7 J* [bd]	**0.39 J**
Calcium	mg/kg				**1810**	**4510**	**38200**	**19700**	**64000**	**38300**	**227000**	**27800**	**13600**	**39000**	**43900**	**30700**	**4900**
Chromium Total	mg/kg	140000	3.3	30	*17.2* [b]	*11.0* [b]	*30.6* [bd]	*222* [bd]	*10.8* [b]	*41.5* [bd]	*82.4* [bd]	*65.0* [bd]	*572* [bd]	*66.7 J* [bd]	*72.8 J* [bd]	*31.6 J* [bd]	*12.3 J* [b]
Cobalt	mg/kg	48000	2	0.8	*2.2* [bd]	*2.8* [bd]	*5.4* [bd]	*33.5* [bd]	*6.9* [bd]	*9.9* [bd]	*4.4* [bd]	*4.9* [bd]	*21.6* [bd]	*10.2* [bd]	*6.6* [bd]	*4.4* [bd]	*3.7* [bd]
Copper	mg/kg	1000000	165	5800	**6.3**	**5.6**	**158**	*9310* [bd]	**16.7**	**97.4**	**27.8**	**29.7**	*188* [b]	**63.4 J**	**64.4 J**	**17.6 J**	**9.2 J**
Iron	mg/kg	1000000		6	*6000* [d]	*6890* [d]	*16200* [d]	*204000* [d]	*14400* [d]	*17700* [d]	*8000* [d]	*12000* [d]	*32200* [d]	*23600* [d]	*12600* [d]	*8250* [d]	*9600* [d]
Lead	mg/kg		2460	700	**61.9**	**17.7**	*1400* [d]	*19400* [bd]	**18.0**	*3500* [bd]	*915* [d]	**683**	*24600* [bd]	*2500* [bd]	*1240* [d]	**426**	**11.0**
Lead - Coarse Fraction	mg/kg		2460	700	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg		2460	700	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (fine/coarse fraction)	mg/kg		2460	700	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	1000000		8000	**1110**	**1750**	*15100* [d]	**5220**	*15200* [d]	*8830* [d]	**5810**	**5470**	**5390**	**6360 J**	*8370 J* [d]	**6900 J**	**1600 J**
Manganese	mg/kg	180000	72	1	*173* [bd]	*49.8* [d]	*359* [bd]	*1950* [bd]	*300* [bd]	*283* [bd]	*249* [bd]	*218* [bd]	*408* [bd]	*342* [bd]	*283* [bd]	*2570* [bd]	*82.6* [bd]
Mercury	mg/kg	47	0.1	1.7	**0.024 J**	0.13 U	**0.051 J**	*0.36* [b]	**0.024 J**	**0.096 J**	**0.065 J**	*0.16* [b]	*0.17* [b]	**0.067 J**	**0.079 J**	**0.040 J**	**0.041 J**
Nickel	mg/kg	1000000	172	100	**6.3**	**8.0**	**26.0**	*278* [bd]	**18.1**	**19.5**	**9.2**	**14.2**	**41.8**	**20.3**	**16.5**	**10.5**	**8.9**
Potassium	mg/kg				**226 J**	**241 J**	**461 J**	**534 J**	**1220**	**935**	**406 J**	**1010**	**381 J**	**2430**	**1030**	**536 J**	989 U
Selenium	mg/kg	78000	0.4	4	**0.12 J**	*9.1* [bd]	*0.78* [b]	*9.6* [bd]	0.22 U	*421* [bd]	*1.9* [b]	*1.9* [b]	*60.3* [bd]	*22.9 J* [bd]	*13.2 J* [bd]	*1.9 J* [b]	*2.2 J* [b]
Silver	mg/kg	200000	0.1	4.5	0.56 U	0.63 U	*0.74* [b]	*6.6* [bd]	0.54 U	*1.0* [b]	*0.35 J* [b]	*1.2* [b]	*7.4* [bd]	*0.83* [b]	*0.67* [b]	*0.15 J* [b]	0.99 U
Sodium	mg/kg	1000000		2500	112 U	126 U	**56.7 J**	**615**	**89.6 J**	**273**	**281**	**410**	**464**	**701**	**174**	**201**	**299**
Thallium	mg/kg	15000	4.2	2.3	**0.047 J**	**0.051 J**	**0.076 J**	1.2 U	**0.34**	**0.12**	**0.078 J**	**0.23**	2.5 U	**0.31**	**0.20**	**0.13**	**0.081 J**
Vanadium	mg/kg	1000000	190	72	**8.1**	**10**	**12.2**	**32.4**	**14.1**	**13.7**	**8.8**	**17.7**	**24.5**	**17.1**	**16.4**	**11.3**	**17.4**
Zinc	mg/kg	1000000	372	2400	**61.1**	**41.1**	*419* [b]	*4770* [bd]	**45.1**	*652* [b]	*744* [b]	**196**	*1660* [b]	*9030* [bd]	*990* [b]	*2060* [b]	**41.8**
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	2.1 U	0.81 U	0.37 U	0.65 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	2.1 U	0.81 U	0.37 U	0.65 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	2.1 U	0.81 U	0.37 U	0.65 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	2.1 U	0.81 U	0.37 U	0.65 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	**1.6 J**	**0.72 J**	0.37 U	0.65 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**	2.1 U	0.81 U	0.37 U	0.65 U
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	**0.6 J**	**0.58 J**	**0.11 J**	0.65 U
Total PCBs	mg/kg				--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

MDEQ Generic Part 201 Criteria were used for comparisons (criteria updated January 23, 2006)

Bolded values indicate the presence of a constituent but not an exceedance

GCPC Groundwater Contact Protection Criteria

GSIPC Groundwater Surface Water Interface Protection Criteria

RDWPC Residential Drinking Water Protection Criteria

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TABLE - 3.1
DERIVATION OF RISK-BASED TARGET INDOOR AIR CONCENTRATIONS
FOR AN INDUSTRIAL/COMMERCIAL WORKER
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

Chemical of Concern (COC)	*Inhalation Unit Risk Factor, URF ($\mu g/m^3$)$^{-1}$*	*Inhalation CSF (1) 1/(mg/kg-d)*	*Sources of URF/CSF (2)*	*Inhalation RfC (mg/m^3)*	*Inhalation RfD (3) (mg/kg-d)*	*Sources of RfC/RfD (2)*	*Commercial/Industrial Worker RISK = 1.0E-05 Adult ($\mu g/m^3$)*	*Commercial/Industrial Worker HI = 1.0 Adult ($\mu g/m^3$)*	*Risk-Based Target Indoor Air Concentration (4) ($\mu g/m^3$)*
cis-1,2-Dichloroethene	--	--	--	--	1.00E-02	USEPAb	NV	5.21E+01	52
Trichloroethene (withdrawn CSF_i/URF)	1.70E-06	5.95E-03	USEPAa	--	--	--	5.84E+01	NV	58
Trichloroethene (Cal EPA CSF_i/URF)	2.00E-06	7.00E-03	USEPAb		1.70E-01	USEPAb	4.97E+01	8.86E+02	50
Vinyl chloride (adult)	4.40E-06	1.54E-02	USEPAa	1.00E-01	2.86E-02	USEPAa	2.26E+01	1.49E+02	23

Notes :

-- = Not Available
N/A = Not Applicable
NV = No Value

(1) Inhalation Cancer Slope Factor (CSF) = Unit Risk Factor x body weight/inhalation rate x conversion factor = URF x 70 kg/20 m^3/day x 1,000 µg/mg.

(2) USEPAa: Integrated Risk Information System Database, April 6, 2006.
USEPAb: Region 9 Preliminary Remediation Goals, October, 2004

(3) Inhalation Reference Dose (RfD) = Inhalation Reference Concentration (RfC) x Inhalation Rate/Body Weight = RfC x 20 m^3/day/ 70 kg.

(4) Risk-based target indoor air concentrations lower of the non-carcinogenic and carcinogenic value.

Commercial/Industrial Worker Exposure Assumptions

Risk-Based Indoor Air Concentration ($\mu g/m^3$)	C_{air}	calculated	
Target Risk Level (unitless)	TR	1.00E-05	
Target Hazard Level (unitless)	THQ	1.00	
Cancer Slope Factor ((mg/kg-day)$^{-1}$)	CSF	chemical-specific	(see above)
Reference Dose Factor (mg/kg-day)	RfD	chemical-specific	(see above)
Conversion Factor (µg/mg)	CF	1000	
Exposure Frequency (days/year)	EF	245	MDEQ(1998)
Exposure Duration (years)	ED	21	MDEQ(1998)
Adjusted Inhalation Rate (unitless)	AIR	2	MDEQ(1998)
Body Weight (kg)	BW	70	MDEQ(1998)
Inhalation Rate (m^3/hour)	INR	20.0	MDEQ(1998)
Averaging Time - carc. (days)	ATc	25550	[(365 days for 70 years), MDEQ, 1998]
Averaging Time - noncarc. (days)	ATnc	7665	[(365 days times the ED), MDEQ,1998]

Exposure Equations

Carcinogenic Endpoints:

$$\text{Risk-Based } C_{air} = \frac{TR \times BW \times ATc \times AIR\ CF}{CSF \times INR \times EF \times ET \times ED}$$

Non-Carcinogenic Endpoints:

$$\text{Risk-Based } C_{air} = \frac{THQ \times RfD \times BW \times ATnc \times CF}{INR \times EF \times ET \times ED}$$

Exposure Assumptions Source:

MDEQ, 1998. Part 201 Generic Groundwater and Soil Volatilization to Indoor Air Inhalation Criteria: Technical Support Document, August, 1998.

TABLE - 3.2
INDOOR AIR ANALYTICAL RESULTS
DUE CARE DOCUMENTATION REPORT
COMPANY VEHICLE OPERATIONS
YPSILANTI, MI

			Volatile Organic Compound			*MIOSHA PELs* [4]		
			cis-1,2-Dichloroethene ($\mu g/m^3$)	*Trichloroethene* ($\mu g/m^3$)	*Vinyl Chloride* ($\mu g/m^3$)	*cis-1,2-Dichloroethene* ($\mu g/m^3$)	*Trichloroethene* ($\mu g/m^3$)	*Vinyl Chloride* ($\mu g/m^3$)
	Site-Specific Risk-Based Target Indoor Air Conc [1]*:*		52	58/50[3]	23			
	MDEQ Industrial and Commercial Commercial II, III and IV AIAC [2]*:*		51	58	28	790000	270000	2500
Sample ID	**Sample Location**	**Sample Height** (ft)						
G-17303-070506-MMD-001	IA-001	2.17	21	**290**	ND(0.51)			
G-17303-070506-MMD-002	IA-002	3.33	17	**98**	ND(0.51)			
G-17303-070506-MMD-003	IA-003	3.25	16	**200**	ND(0.51)			
G-17303-070506-MMD-004	IA-004	3.42	11	**77**	ND(0.51)			
G-17303-070506-MMD-005	IA-005	3.33	13	**86**	ND(0.51)			
G-17303-070506-MMD-006	IA-006	4.75	14	**100**	ND(0.51)			
G-17303-070506-MMD-007	IA-007	4.67	ND(0.79)	ND(1.1)	ND(0.51)			
G-17303-070506-MMD-008	IA-008	4.67	ND(0.79)	ND(1.1)	ND(0.51)			
G-17303-070506-MMD-009	IA-001 (Duplicate)	2.17	20	**280**	ND(0.51)			
TB-17303-070506-MMD-010	IA-010	Trip Blank	ND(0.79)	ND(1.1)	ND(0.51)			

Notes:

(1) Site-specific risk-based target indoor air concentrations presented in Table 22.

(2) Michigan Department of Environmental Quality Commercial and Industrial Acceptable Indoor Air Concentrations as set out in MDEQ's Operational Memorandum No. 4 – Attachment 4 – Appendix D.

(3) The Site-specific risk based target indoor air concentrations for TCE developed using the withdrawn CSFi/Cal EPA CSFi values for TCE.

(4) Time weighted average based on a 8 hour workday and a 40 hour work week. S*ource* MIOSHA Occupational Health Standards Part 301 - Air Contaminants

Detected concentration above the AIAC and Site-specific target indoor air concentration.

APPENDIX A
GROUNDWATER NOT IN AN AQUIFER CONFIRMATION LETTER

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

September 1, 2004

Mr. Ken Richards
General Motors Worldwide Facilities Group
1996 Technology Drive
Troy Technology Park South Building A
482-356-319
Troy, Michigan 48083

Dear Mr. Richards:

SUBJECT: Groundwater Not in an Aquifer Evaluation
PAOC 18 Response Activities
Company Vehicle Operations Area, Former Willow Run Assembly Plant,
Washtenaw County

Attached please find a memorandum from our senior geologist, Mr. Leonard Lipinski, regarding your request for a determination of groundwater not in an aquifer at the Former Willow Run Assembly Plant in Washtenaw County. As Mr. Lipinski notes, we concur with your assessment that the shallow water bearing unit at the site would not be considered groundwater in an aquifer. However, as he also notes, the groundwater/surface water interface pathway does appear to be complete, and those criteria should be considered in any future remedial action plan.

In addition, I have had opportunity to review the work plan for *PAOC 18 Response Activities* dated August 23, 2004. The plan seems appropriate and I look forward to the results. Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended (Part 201), requires prompt action when free product is discovered at a site, and I am glad to see General Motors being very proactive to undertake these activities at this property.

I appreciate the opportunity to review this information. If you have any questions regarding these comments, please feel free to contact me at 517-780-7932.

Sincerely,

Peter T. Masson
Environmental Quality Analyst
Remediation and Redevelopment Division

Attachment

cc: Mr. R. Dowe Parsons, DEQ
Mr. Leonard Lipinski, DEQ

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

August 30, 2004

TO: Peter Masson, Project Manager
Remediation and Redevelopment Division
Jackson District

FROM: Leonard Lipinski, Senior Geologist
Remediation and Redevelopment Division
Jackson District

SUBJECT: General Motors Company Vehicle Operations (CVO) Facility
Determination of Groundwater not in an Aquifer

I have reviewed the July 9, 2004 submittal from General Motors requesting a determination that the groundwater in the upper sand unit at the CVO is not in an aquifer as defined in Part 201. Based on the information they submitted and my understanding of the geology, I agree that the groundwater in the upper sand unit is not in an aquifer. However, I think that any groundwater contamination in the upper sand unit has the potential to impact surface water and would be regulated according to the groundwater surface water interface criteria.

APPENDIX B
CAT SITE CLOSURE REPORT ACCEPTANCE LETTER

STATE OF MICHIGAN

JOHN ENGLER, Governor

DEPARTMENT OF ENVIRONMENTAL QUALITY

"Better Service for a Better Environment"

HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973

INTERNET: www.deq.state.mi.us

RUSSELL J. HARDING, Director

REPLY TO:

JACKSON DISTRICT OFFICE
STATE OFFICE BUILDING
301 E LOUIS GLICK HWY
JACKSON MI 49201-1556

December 10, 2001

Mr. Mark Napolitan
General Motors Corporation
MC 482-310-004
485 West Milwaukee
Detroit, Michigan 48202

Dear Mr. Napolitan:

SUBJECT: Audit of Corrective Actions
Closure Report Receipt Date: October 8, 2001
Confirmed Release Date: June 21, 1994
Location of Tank(s): Complete Auto Transit Site, 2625 Tyler Road, Ypsilanti, Washtenaw County, Michigan
Facility ID: 0-0008299

Under the authority of Section 21315 of Part 213, Leaking Underground Storage Tanks (LUST), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), the Department of Environmental Quality (DEQ), Storage Tank Division (STD), has conducted an audit of the corrective actions undertaken as the result of a release from an underground storage tank system at the subject site. The audit was conducted following receipt of a Closure Report submitted by Blasland, Bouck and Lee, Inc., Qualified Underground Storage Tank Consultant (QC), and certified by Ms. Amy Hoeksema, Certified Underground Storage Tank Professional.

The audit consisted of a review of district file documents. Based on this audit, the STD agrees with the conclusion by the QC that corrective actions at the site have been completed in accordance with Part 213. Corrective action at the site has resulted in Restricted use of the site based on a Tier 1 evaluation, utilizing institutional controls. A notice of corrective action has been recorded with the register of deeds for Washtenaw County as outlined in Section 21310a(1) of Act 451. The notice states that an industrial use is the basis of the corrective action selected by your QC. Any future change in the land use may necessitate further evaluation of potential risks to the public health, safety, and welfare and to the environment. The STD must be contacted regarding any proposed change in the land use.

Please note the following conditions:

When contaminated soil and/or groundwater as a result of a release of a regulated substance remains on site consistent with site closure requirements, the owner/operator

shall not remove or allow this soil and/or groundwater to be removed from the site to an off-site location without properly characterizing the soils and/or groundwater to determine that they can be lawfully relocated without posing a threat to the public health, safety, or welfare, or the environment. The determination shall consider whether the soil and/or groundwater is subject to regulations under Part 111, Hazardous Waste Management, of Act 451, and/or Part 115, Solid Waste Management, of Act 451.

Since the site closure relies on elimination of the groundwater pathway, groundwater contamination may remain above the Tier 1 Drinking Water Risk-Based Screening Levels in the shallow groundwater. Therefore the owner/operator or any other party shall not engage in any activities that would alter the conditions of site closure. This may include but may not be limited to the installation of borings, temporary or permanent monitor wells and water supply wells without proper precautions to prevent the cross-contamination of deeper aquifers. In addition, the owner/operator shall provide disclosure to potential purchasers or users of the property regarding the conditions of site closure.

All groundwater monitoring wells and other similar devices installed as part of the corrective action activities at the site must be properly abandoned when they are no longer needed for their original purpose or modified purpose. Abandonment should be completed in accordance with American Society of Testing Materials Standard D 5299-92, "Standard Guide for Decommissioning Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities." Proper abandonment of groundwater monitoring wells and other potential conduits for contamination should be performed within 60 days after use has been discontinued.

This closure approval pertains only to the contamination associated with the confirmed release date(s) identified above. The DEQ expresses no opinion as to other contaminants beyond those identified and remediated as a part of the approved closure. The DEQ also makes no warranty as to the fitness of this site for any general or specific use. Prospective purchasers or users of this property are advised to use due diligence prior to acquiring or using this site to determine if their proposed land use might alter the conditions of the site closure and result in unacceptable risks to human health or the environment.

If you have any questions, please contact Mr. Terry Hiske, Project Manager, at the Jackson District Office, DEQ, STD, 301 East Louis Glick Highway, Jackson, Michigan, or at telephone number 517-780-7928.

Sincerely,

Lee Carter
Jackson District Supervisor
Storage Tank Division
517-780-7920

LC:lkg

cc: Blasland, Bouck and Lee, Inc.
Mr. Terry Hiske, DEQ

APPENDIX C
NOTICE OF OFF-SITE MIGRATION
(July 23, 2007)

CONESTOGA-ROVERS
& ASSOCIATES

14496 Sheldon Road, Suite 200, Plymouth, Michigan 48170
Telephone: 734-453-5123 Facsimile: 734-453-5201
www.CRAworld.com

July 23, 2007

Reference No. 17303

MDEQ, Remediation and Redevelopment Division
Jackson District Office
Jackson State Office Building
301 E. Louis Glick Highway
Jackson, Michigan 49201-1556

Dear Mr./Ms. District Supervisor:

Re: Form 4482, Notice of Migration of Contamination
General Motors Corporation – Company Vehicle Operations
Ypsilanti, Washtenaw County, Michigan

On behalf of ENCORE, a wholly owned subsidiary of General Motors Corporation (GM), Conestoga-Rovers & Associates, Inc. (CRA) is providing the enclosed revised form EQP4482 to update the information regarding contaminant migration pursuant to Part 201 of Act 451, forwarded to your attention in May 2007. This revision serves to inform you that as of July 9, 2007, the concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride and iron have increased in concentration at the northeast property boundary well GS-8. These detections were identified during the latest quarterly sampling (June 2007) at the Company Vehicle Operations (CVO) facility.

The CVO property is located at 2901 Tyler Road, Ypsilanti, Michigan (Site). The CVO property is bordered on the south by Tyler Road, the west by the Former Willow Run Assembly Plant property, and on the east and north by Tyler Pond. Currently, the CVO property is used to store, maintain and recover parts from company vehicles.

The two areas of the Site that have been designated areas with higher concentrations (Area 1 and Area 2) have been repeatedly evaluated for many constituents including volatile organic compounds (VOCs) in the groundwater. There is a groundwater flow divide on the Site that splits groundwater flow in two basic directions. Groundwater flows toward the northeast to Tyler Pond and southeast to Tyler Road. Based on aquifer testing analysis, groundwater flow is very low at the Site.

Vinyl chloride, cis-1,2-DCE, trans-1,2-dichloroethene (trans-1,2-DCE), TCE, benzene, xylenes (total), arsenic, mercury, and manganese have previously exceeded the MDEQ Part 201, Generic Residential Cleanup Criteria including the Generic Groundwater Surface Water Interface (GSI) Cleanup Criteria at the northern property boundary. The concentrations of lead, chromium (total), and vanadium have previously exceeded the Site Specific GSI at the northern property boundaries.

The Site-Specific GSI criteria were calculated in 2005 using the pH and hardness of Tyler Pond. Analytical data from June 2007 shows that TCE, vinyl chloride, cis-1,2-DCE and iron levels continue to exceed the MDEQ Part 201, Generic Residential Cleanup Criteria.

The concentration of cis-1,2-DCE first exceeded the FAV MDEQ water quality criteria at a northern boundary well during the June 2006 quarterly sampling event. Quarterly sampling events since June 2006 show a continued FAV exceedance for cis-1,2-DCE. A notification of the FAV exceedance for cis-1,2-DCE was formerly submitted to Ms. Vicki Katko of the MDEQ on August 4, 2006. TCE exceeded the FAV for the first time in December 2006 and a notice was submitted on January 18, 2007 to Ms. Vicki Katko.

Groundwater conditions at the Site remain under investigation. GM and ENCORE have been working with the MDEQ representatives from the Jackson Office regarding the evaluation of groundwater at the Site. An interim remedial action (IRA) using enhanced biodegradation to decrease levels of chlorinated organics in the groundwater along a portion of the northern property boundary was recently approved by the MDEQ. The IRA was implemented in April 2007. The MDEQ granted a *groundwater not in an aquifer determination* for the surficial unit from which this groundwater is sampled (letter from MDEQ to Ken Richards dated September 6, 2004).

For additional information regarding this submittal, or conditions at this location, please contact Kenneth Richards at GM, telephone number (248-753-5912).

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Frederick W. Blickle, P.E.

LA/bw/10/Det.
Encl.

cc: Ken Richards/GM
Vicki Katko/MDEQ
Beth Landale/CRA

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
REMEDIATION AND REDEVELOPMENT DIVISION

For DEQ Use Only
ITS # _____
Site ID #_____
Category Code: _____

NOTICE OF MIGRATION OF CONTAMINATION

(Under the authority of Part 201, Natural Resources and Environmental Protection Act, 1994 Act 451, as amended, (NREPA) and the Rules promulgated thereunder)

An owner or operator of property that is a facility, and/or who is subject to MCL 324.20114, and who has reason to believe that a hazardous substance is emanating from, has emanated from, or is likely to be emanating from the property and migrating beyond the boundaries of the property that he or she owns or operates is required under R 299.5522 and R 299.51017(1) to notify the Michigan Department of Environmental Quality ("DEQ") and affected property owners, unless he or she is exempt from MCL 324.20107a (see MCL 324.20107a(4) for exemptions), or unless he or she has provided the notice required by MCL 324.21309a. Submission of this notice does not fulfill the notification requirements of MCL324.21309a.

The notice must be provided within 45 days after the owner or operator has reason to believe that hazardous substances have migrated, or are likely to have migrated, to or beyond the boundary of his or her property (see R 299.51017 and R 299.5522 for exceptions). If a person is required to provide additional notice as a result of the changes in R 299.51017 that took effect on December 21, 2002, then that additional notice shall be provided not later than September 21, 2003.

Use of this form is mandatory for the notice required by R 299.51017(1) and may also be used by parties subject to MCL 324.20114 to provide notice required by R 299.5522. This form may also be used to provide notice to affected property owners as required by those rules.

If a person holds a permit for an oil and gas well under Part 615, Supervisor of Wells, of the NREPA and there is a release from the oil and gas exploration or production activities, that person shall give notice to the DEQ and to the owner of the surface rights of the property.

If a person holds an easement and there is a release from the easement holder's activities, that person shall provide notice to the DEQ and to the grantor of the easement, or the grantor's successor in interest, if any.

Completing this notice in no way relieves a person who is subject to MCL 324.20114 from the responsibility to undertake required response activities.

This notice must be sent to the DEQ office that serves the county in which the property is located. A list of DEQ offices is available at www.michigan.gov/bea, **or by calling the Remediation and Redevelopment's Lansing office at 517-373-9837. The DEQ will not prepare acknowledgement of receipt of these notices. The sender is responsible for sending the report using a method that provides proof of delivery if such proof is desired. Please label the outside of the envelope "Migration Notice." Additional guidelines for the compliance with the requirements of R 200.51017(1) or R 299.5522 are available at** www.michigan.gov/bea.

THIS NOTICE IS PROVIDED PURSUANT TO: **R 299.5522** ☒ **R 299.51017** ☒
(check both, if applicable)

Please provide the following information as completely as possible.

1. Name and location of the property that hazardous substances are emanating from:

2. Status relative to the property:
(Check one or both, as applicable.)

Name: General Motors Corporation - Company Vehicle Operations — Owner ☒
Address: 2901 Tyler Road — Operator ☒
Location: South 1/2 of Section 12, T, 3S, R, 7E, Ypsilanti Township, Washtenaw County, Michigan.
City/County: Ypsilanti, Washtenaw
Property Tax Identification Number, or if applicable, the ward and item number:

Provide any additional ID numbers associated with the property (e.g., EPA ID No., BEA No., Part 213 facility ID No., etc.): MIK468293311

3. Name, address, and telephone number of the property owner, operator, or other party submitting the notice:
   Name: Kenneth Richards, General Motors Corporation
   Address: Pontiac Centerpoint Campus - Central - 2000 Centerpoint Parkway
   City/State: Pontiac, Michigan
   Telephone number: 248-753-5912

4. Name, address and telephone number of a contact person familiar with the content of the notice:
   Name: Fred Blickle, Conestoga-Rovers & Associates
   Address: 14496 Sheldon Road, Suite 200
   City/State: Plymouth, Michigan
   Telephone: 734-453-5123

5. If this Notice is provided pursuant to R 299.51017, provide the address and other location information for the *adjacent* property(s) onto which contamination is migrating, has migrated, or is likely to migrate. If this Notice is provided pursuant to R 299.5522, provide the address and other location information for *each* property onto which contamination has migrated. Notice should be sent to the property owner of record. If the impacted property is owned by the State of Michigan, notice should be sent to the department managing the property (i.e. a prison, state park, etc.). Notices to the Michigan Department of Transportation (MDOT) for state owned roadways should be sent to Ms. Heather Hicks, MDOT-Bureau of Transportation Planning, 425 W. Ottawa Street, P.O. Box 30050, Lansing, MI 48989. If it isn't readily apparent what state department manages the property, notices should be sent to Mr. Thomas Saxton, Tenant and Land Services, Department of Management and Budget, 1st Floor Lewis-Cass Building, P.O. Box 30026, Lansing, MI 48909.

Address: Tyler Road — Notified? No ☒ Yes ☐ — Date: Previously Notified. No changes to south property boundary migration for this update.
City/State: Ypsilanti, Michigan
Property Tax ID number: 0
Other: Between Mc Gregor Road and Willow Run Airport
Notified Washtenaw County Road Commission as owner of the right-of-way on September 19, 2003
Subsequent Notifications: March 18, 2004, February 16, 2005, September 6, 2005, June 7, 2006, September 20, 2006.

Address: Fons Landfill — Notified? No ☒ Yes ☐ — Date: Previously Notified. No changes to south property boundary migration for this update.
City/State: Ypsilanti, Michigan
Property Tax ID number: 0
Other: South of Tyler Road, east of McGregor, west of Willow Run Creek.
Notified The Environmental Quality Company, contact for Fons Landfill Potential Responsible Parties group on March 18, 2004
Subsequent Notification: February 16, 2005, September 6, 2005, June 7, 2006, September 20, 2006.

Address: — Notified? No ☐ Yes ☐ — Date:
City/State:
Property Tax ID number:
Other:

Address: — Notified? No ☐ Yes ☐ — Date:
City/State:
Property Tax ID number:
Other:

(Attach additional pages as needed)

6. Complete the Table on Page 3 of this Form for each hazardous substance that has migrated, or is likely to have migrated, beyond the property boundary at a concentration that exceeds a Generic Residential Cleanup Criterion developed by the DEQ pursuant to MCL 324.20120a(1). Complete and attach additional copies of Page 3, if necessary, to list all hazardous substances that must be reported. Include a scaled map or drawing that shows the location of sampling points identified on the Table on Page 3, the property boundaries, and the adjacent property owners if providing notice pursuant to R 299.1017(1) or all impacted property owners if providing notice pursuant to Rule 299.5522.

   See attached

7. Provide a summary of the information which shows that contamination is emanating from, or has emanated from, and is present beyond the boundary of the source property at a concentration which exceeds that allowed by MCL 324.20120a(1)(a). This summary shall identify the environmental media affected, specific hazardous substances, and the concentrations of those hazardous substances in all affected environmental media at the property boundary and in any sample locations beyond the property boundary. The summary shall also describe the basis for the conclusion that the contamination is emanating, has emanated, or is present beyond the boundary of the source property, including whether the conclusion is based on groundwater analytical data or fate and transport modeling, both, or neither.

   Several volatile organic compounds (VOCs) and metals have been identified at concentrations above Generic Residential Part 201 Criteria in groundwater at the site. This EQP4482 submission was revised because concentrations of trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride and iron have further increased in concentration above screening criteria at northern property boundary well GS-8.

   Two areas with higher concentrations on the property have been designated Area 1 and Area 2. VOC concentrations at the property boundary are evaluated on a quarterly basis. The attached figure illustrates these two areas and shows the monitoring wells that are used to evaluate groundwater at the property boundary. Groundwater flow is divided at the site with half flowing northeast to Tyler Pond and the remainder flowing southeast to Tyler Road.

   Four wells along the edge of Tyler Pond and six wells along the south property boundary are monitored to evaluate the contaminant concentrations at the property boundaries. Monitoring well GS-5 no longer reflects groundwater venting to surface water conditions due to the installation of a sheet pile barrier wall. Accordingly, groundwater concentrations reflecting GSI conditions in the area of GS-5 are assessed by two new wells, GS-6 and GS-8 (replacing PZ18-195), located on the west and east sides of the sheet pile wall, respectively. Site Specific GSI Criteria were calculated based on the pH and hardness of the Tyler Pond in 2005. All groundwater sample results were screened against the MDEQ Part 201 GSI Criteria and the Site Specific GSI criteria.

   The following is a summary of the concentrations of constituents exceeding the MDEQ criteria at the property boundary:

   - The maximum concentration of vinyl chloride detected on site is 220,000 µg/L at well IW-33 (March 2005). The current vinyl chloride concentration at boundary sampling location GS-8, to the north/northeast of IW-33, is 11,000 µg/L, its highest concentration ever recorded (June 2007). The highest concentration of vinyl chloride to the southeast of IW-33, at well MW19-02 was reported to be 26,000 µg/L from October 2005 data.

   - The maximum concentration of cis-1,2-DCE detected on site is 140,000 µg/L (June 2006) at well IW-44 and the boundary concentration of cis-1,2-DCE at well GS-8, northeast of IW-44, is currently 110,000 µg/L (June 2007). The highest concentration of cis-1,2-DCE to the south of IW-44, at well MW19-02 was reported to be 17,000 µg/L (October 2005).

   - The maximum concentration of benzene detected on site is 630 µg/L at injection well IW-12. The concentration at well MW19-24 was 78 µg/L in September 2004. This well is located along the southern boundary of the site. The highest concentration detected on the northern property boundary occurred at GS-3 in June 2005 at a concentration of 5.9 µg/L.

- The highest concentration of xylenes detected on site is 9,100 µg/L at well IW-33. The xylene concentration at boundary sampling location GS-6, to the north/northeast of IW-33, is 69 µg/L and to the southeast of IW-33, at well MW19-24 is 460 µg/L. Data are from June 2005.

- The maximum concentration of manganese detected on site is 15,700 µg/L at well IW-12. The boundary concentration of manganese to the northeast of IW-12, at well GS-8 is 2,550 µg/L, while the highest concentration of manganese to the southeast of IW-12, at well MW-4 is 436 µg/L. Data are from March 2006.

- The maximum concentration of trans-1,2-DCE on site is 4,600 µg/L at well MW19-10. The concentration of trans-1,2-DCE at well GS-8 (in northeast) and MW19-02 (in southeast), are 250 µg/L and 490 µg/L, respectively. Data are from December 2003, June 2006 and December 2005, respectively.

- The maximum concentration of 1,1-DCE detected on site is 1,300 µg/L at well IW-18 (June 2002) and the boundary concentration of 1,1-DCE at well MW19-02, southeast of IW-18, is 45 µg/L (June 2005).

- The maximum concentration of TCE in groundwater detected on site is at well MW19-10 and is reported to be 22,000 µg/L from December 2003 data, and the current concentration of TCE at boundary well GS-8, northeast of MW19-10, is 6,500 µg/L (June 2007).

- The highest concentration of ethylbenzene detected on site is 3,500 µg/L at well IW-33. The maximum concentration of ethylbenzene to the southeast of IW-33, at well MW19-24 is 120 µg/L. Data are from June 2005.

- The maximum concentrations of lead and vanadium detected on site occurred at the northeast boundary well, GS-8, and were reported to be 27.5 µg/L and 19.7µg/L respectively. The concentrations of lead and vanadium at GS-6 are 11.9 µg/L and 4.7 µg/L, respectively. Data are from March 2006.

- The maximum concentration of arsenic detected on site is at boundary well, GS-6, and is reported to be 15.5 µg/L from June 2006. Current results show that arsenic concentration has fallen to non-detect levels (March 2007).

- The maximum concentration chromium (total) detected on site is at boundary well, GS-8, and is reported to be 14.4 µg/L from June 2006 data. Current results show that chromium (total) concentration has fallen to non-detect levels (March 2007).

- The highest concentration of mercury detected on site is at injection well IW-9, and is reported to be 0.19 µg/L (March 2006). The maximum concentration of mercury at the southern boundary well, MW19-02, is 0.099 µg/L (June 2006). The highest northern property boundary concentration occurred at GS-8 in June 2006 at 0.10 ug/L.

- The maximum concentration of iron on site is 20,900 µg/L at IW-33. The concentration of iron at well MW19-02 is 615 µg/L. Data are from June 2006. The June 2007 sampling event revelaed that the concentration of iron had increased from 653 µg/L (March 2007) to 1410 µg/L (June 2007) at monitoring well GS-8.

Based on groundwater flow and the concentrations of the hazardous substances analyzed near the boundary of the property General Motors Corporation has reason to believe that the contamination has or is emanating beyond the boundary of the source property.

8. If the person making this notice has reason to believe that a migrating hazardous substance has affected, or is likely to affect, a private or public water supply, then that water supply must be identified here:

   No

	YES	NO
9. Is this notice being submitted within the timeframes established under R 299.5522 and/or R 299.51017, as applicable?	☒	☐
10. Is this notice in addition to a notice submitted prior to *December 21, 2002?*	☒	☐

(R 299.51017(4)(c))

11. Is this notice related to an oil and gas well permit (R 299.51017(2))? ☐ ☒
Permit #

12. Is this notice related to an easement (R 299.51017(3))? ☐ ☒
(NOTE: All easement grantors *must* receive this notice.)

13. Has surface water been affected (R 299.51017(1) and R 299.5522(2))? ☒ ☐
(If yes, please identify the affected surface water body.)
Tyler Pond

CERTIFICATION:

With my signature below, I certify that I am the owner of the facility or that I am legally authorized to execute this notice on behalf of the owner or operator named on this form, and that to the best of my knowledge and belief the above representations are complete and accurate. I understand that intentionally submitting false information to the DEQ is a felony and may result in fines up to $25,000 for each violation.

Signature Kenneth Richards Date: 7/31/07
(Owner or person legally authorized to bind the person making this report)

Name (Typed or Printed) Kenneth Richards
Title (Typed or Printed) Project Manager

See Item 6 on Page 2 of this Form for instructions to be used in completing this Table. Attach additional pages if necessary. The information to be included in each column of the Table is:

Column A Name of hazardous substance.
Column B Chemical Abstract Service (CAS) Number for the hazardous substance.
Column C Maximum hazardous substance concentration measured on the property, expressed in parts per billion (e.g., ug/L or ug/Kg). Report maximum concentration separately for each environmental medium.
Column D Sample location for Column C (relate to label on map).
Column E Environmental medium in which concentration reported in Column C was measured (e.g., soil or groundwater).
Column F Distance from point of maximum measured concentration (Column D) to property boundary, in direction of contaminant migration, if direction is known or can reasonably be inferred. If direction is unknown, list distance to nearest property boundary.
Column G Direction of contaminant migration, if known.
Column H Concentration closest to property boundary, if known. If a concentration lower than the maximum concentration reported in Column C has been measured at a point closer to the property boundary in the direction of contaminant migration, use Column I to list the concentration that was measured closest to the property boundary in the direction of contaminant migration.
Column I Sample location for Column H (relate to label on map).
Column J Environmental medium for measurement reported in Column H, if applicable.

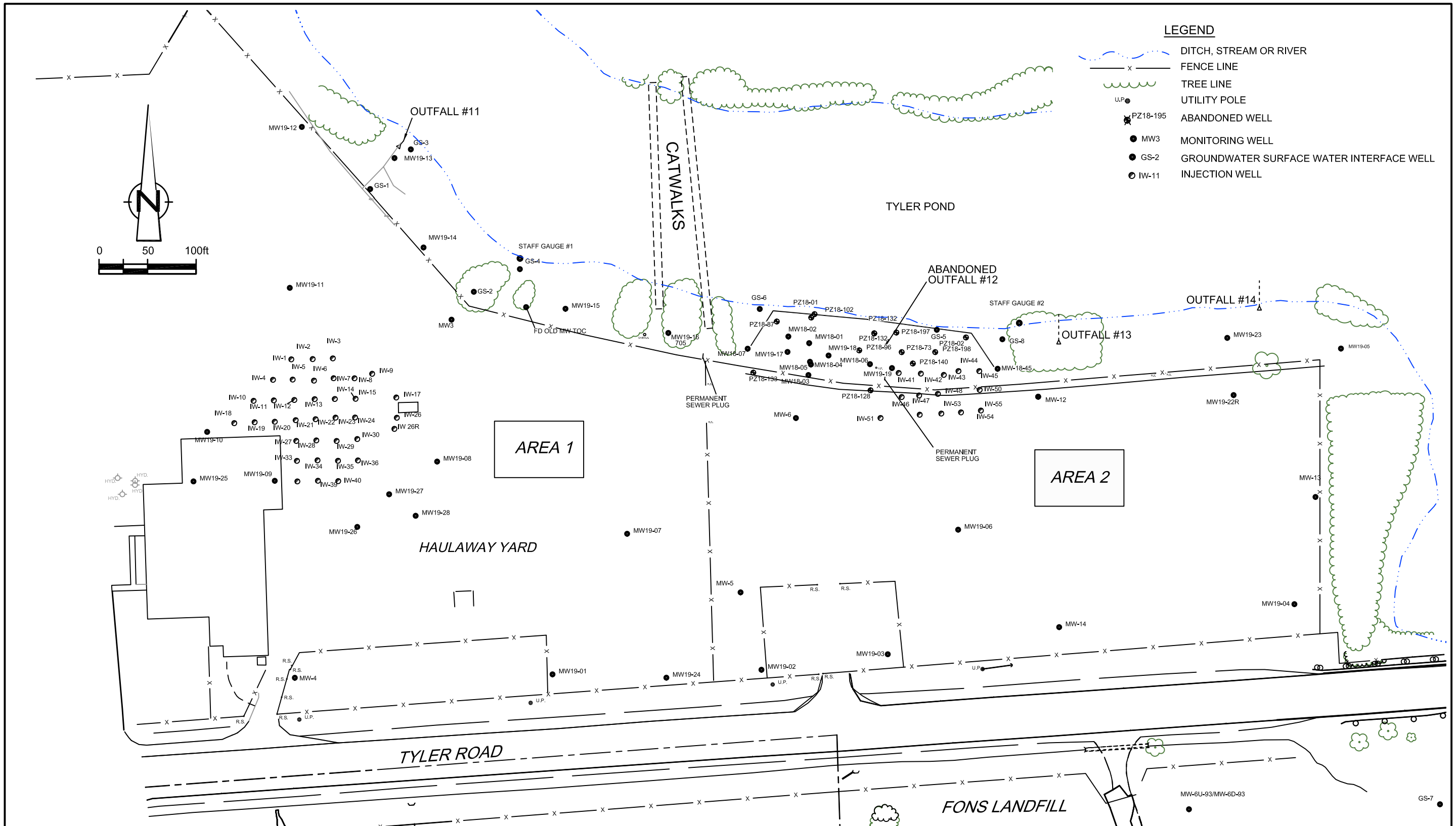
Continued to next page

A Hazardous Substance	B CAS Number	C Maximum Concentration	D Sample Location for "C"	E Environmental Medium for "C"	F Distance to Property Boundary	G Direction of Migration	H Boundary Concentration	I Sample Location for "H"	J Environmental Medium for "H"
Vinyl Chloride	75014	220,000	IW-33	Groundwater	325 feet	NE	5.8- 11,000 µg/L	GS-3, GS-4, GS-6, GS-8	Groundwater
					500 feet	SE	3.7 - 26,000 µg/L	MW19-01, MW19-02, MW19-03, MW19-24	Groundwater
cis-1,2-DCE	156592	140,000	IW-44	Groundwater	80 feet	NE	81- 110,000 µg/L	GS-3, GS-6, GS-8	Groundwater
					500 feet	SE	240 - 17,000 µg/L	MW19-02, MW19-03, MW19-24	Groundwater
Benzene	71432	630	IW-12	Groundwater	230 feet	NE	5.9 µg/L	GS-3	Groundwater
					450 feet	SE	5.7-78 µg/L	MW19-02, MW19-24	Groundwater
Xylene (total)	1330207	9,100	IW-33	Groundwater	325 feet	NE	69 µg/L	GS-6	Groundwater
					500 feet	SE	460 µg/L	MW19-24	Groundwater
Manganese	7439965	15,700	IW-12	Groundwater	230 feet	NE	78.1-2,550 µg/L	GS-3, GS-4, GS-6, GS-8	Groundwater
					450 feet	SE	67-436 µg/L	MW19-02, MW19-03, MW-4	Groundwater

A Hazardous Substance	B CAS Number	C Maximum Concentration	D Sample Location for "C"	E Environmental Medium for "C"	F Distance to Property Boundary	G Direction of Migration	H Boundary Concentration	I Sample Location for "H"	J Environmental Medium for "H"
trans-1,2-DCE	156605	4,600	MW19-10	Groundwater	600 feet	SE	34 – 490 µg/L	MW19-02, MW19-03	Groundwater
					800 feet	NE	220 µg/L – 250 µg/L	GS-6, GS-8	Groundwater
1,1-DCE	75354	1,300	IW-18	Groundwater	500 feet	SE	45 µg/L	MW19-02	Groundwater
TCE	79016	22,000	MW19-10	Groundwater	800 feet	NE	6,500 µg/L	GS-8	Groundwater
Ethylbenzene	100414	3,500	IW-33	Groundwater	500 feet	SE	120 µg/L	MW19-24	Groundwater
Lead	7439921	27.5	GS-8	Groundwater	0 feet	NE	11.9-27.5 µg/L	GS-6, GS-8	Groundwater
Vanadium	7440622	19.7	GS-8	Groundwater	0 feet	NE	4.7-19.7 µg/L	GS-6, GS-8	Groundwater
Arsenic	7440382	15.5	GS-6	Groundwater	0 feet	NE	Non-Detect - 15.5 µg/L	GS-6, GS-8	Groundwater
Chromium (total)	16065831	14.4	GS-8	Groundwater	0 feet	NE	Non-Detect - 14.4 µg/L	GS-6, GS-8	Groundwater
Mercury	7439976	0.19	IW-9	Groundwater	200 feet	NE	0.10 µg/L	GS-8	Groundwater
					420 feet	SE	0.099 µg/L	MW19-02	Groundwater
Iron	7439896	20,900	IW-33	Groundwater	500 feet	SE	615 µg/L	MW19-02	Groundwater
					325 feet	NE	1,410 µg/L	GS-8	Groundwater

Total Number Samples Collected: **50 NE/62 SE** Total Number of Samples Exceeding Criteria: **47 NE/41 SE**

A scaled map or drawing showing these locations and the property boundaries must be submitted with this Notice



FORMER WILLOW RUN ASSEMBLY PLANT
COMPANY VEHICLE OPERATIONS AREA
Ypsilanti, Michigan

17303-08(MDEQ010)GN-WI001 JUL 13/2007

APPENDIX D
EOS™ WORKPLAN APPROVAL LETTER

17303

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE

JENNIFER M. GRANHOLM
GOVERNOR

STEVEN E. CHESTER
DIRECTOR

February 14, 2007

FEB 16 2007

Mr. Fred Blickle
Conestoga-Rovers and Associates
14496 Sheldon Rd.
Suite 200
Plymouth, Michigan 48170

Dear Mr. Blickle:

SUBJECT: Request for Approval of Proposed Remedial Action, In-Situ Enhanced Biodegradation Company Vehicles Operations Area, (GM Willow Run) Ypsilanti, Michigan, Washtenaw County

The Department of Environmental Quality, Redevelopment and Redevelopment Division (DEQ-RRD) has completed our review of the *Request for Approval of Proposed Remedial Action, Company Vehicles Operations Area* dated November 17, 2006. The plan, prepared on behalf of ENCORE, a wholly owned subsidiary of General Motors Corporation (GM) proposed in-situ injection of lactate, designed for the purpose of treating contaminated groundwater that is behind the sheet pile wall. The contaminated groundwater now appears to be migrating around the eastern wing of the wall and migrating toward Tyler Pond. The proposed treatment is intended to be an interim step that would allow more time for GM to consider long term abatement strategies to address the contaminated groundwater migrating into Tyler Pond.

After careful consideration of the proposal, it has been determined that the interim response action is approved with modifications. Our comments follow:

1. The plan presents two possible locations for the injections. After consideration, it has been determined that the injections should be done in the eastern location.

2. Due to the uncertainty of historical disposal practices, more comprehensive sampling for metals is needed. Barium, cadmium, copper, lead, mercury, selenium, silver, and zinc should be included in the monitoring program. This expanded list of metals should be tested for initially in all of the proposed monitoring wells, and then in IW-44 and IW-50 for the Six-Week, Quarter Two, Quarter Four, Half One and Half Two samples. In addition, phosphorus and ammonia nitrogen should be added to the list of Monitored Natural Attenuation Parameters (MNAP). The parameter list for Quarter One and Quarter Three should be expanded to include Target Contaminant List Volatile Organic Compounds, MNAP, Total Organic Carbon, and Metals.

3. No contingency plan was included with the proposal. If either the biological oxygen demand or ammonia nitrogen criterion is exceeded in the compliance well, it will be necessary for you to determine the impact to the dissolved oxygen in Tyler Pond.

4. The plan proposes to inject the treatment liquid with direct push rods. It is likely that an additional injection of nitrogen and phosphorus will be needed. Since there will probably be more than one round of injections, we suggest that you consider leaving

PVC tubes in the injection holes to allow for any additional injections. This is not a required modification to the plan, it is merely a suggestion.

Please provide confirmation that the modifications are accepted prior to initiation of the interim response. If you have any questions regarding these comments, please feel free to contact me at 517-780-7914.

Sincerely,

Vicki Katko

Vicki Katko
Environmental Quality Analyst
Remediation and Redevelopment Division
Jackson District Office

VK/KJ

cc: Mr. R. Dowe Parsons, DEQ/File

APPENDIX E
PROOF OF NOTIFICATION TO SITE EASEMENT HOLDERS

Worldwide Facilities Group
Environmental Services
Remediation Team

December 21, 2007

Mr. Henry Gerst
Director of Service Operations
Ypsilanti Community Utilities Authority
277 State Road
Ypsilanti, MI
48198

Dear Mr. Gerst:

This notice is provided to fulfill obligations under Act 451, Section 20107a, Part 10, Administrative Rule 1013 (6), as we understand that the Ypsilanti Community Utilities Authority holds easement rights on the property located at:

2901 Tyler Road
Ypsilanti, MI
48198

This letter serves to inform you that groundwater and subsurface soils at this location have been impacted with volatile organic compounds, semi-volatile organic compounds, metals and polychlorinated biphenyls. The nature of the impacts varies at the property and may under some circumstances pose a potential for exposures that exceed acceptable levels as established by Part 201 of the Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994 (Part 201), as amended. For more details as to conditions at the property, and prior to any sub-surface work, please contact Dr. Ken Richards at 248-753-5912. Dr. Richards' mailing address is provided below as a footer to this letter

Sincerely

Ken Richards

Dr. Ken Richards
Project Manager, GM

Worldwide Facilities Group
Environmental Services
Remediation Team

December 21, 2007

Ms. Cindy Stamps
Bell SBC/AT&T
Right of Way Manager
54 North Mill Street, Box 30
Pontiac, MI
48342

Dear Ms. Stamps:

This notice is provided to fulfill obligations under Act 451, Section 20107a, Part 10, Administrative Rule 1013 (6), as we understand that Bell SBC/AT&T holds easement rights on the property located at:

2901 Tyler Road
Ypsilanti, MI
48198

This letter serves to inform you that groundwater and subsurface soils at this location have been impacted with volatile organic compounds, semi-volatile organic compounds, metals and polychlorinated biphenyls. The nature of the impacts varies at the property and may under some circumstances pose a potential for exposures that exceed acceptable levels as established by Part 201 of the Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994 (Part 201), as amended. For more details as to conditions at the property, and prior to any sub-surface work, please contact Dr. Ken Richards at 248-753-5912. Dr. Richards' mailing address is provided below as a footer to this letter

Sincerely

Ken Richards

Dr. Ken Richards
Project Manager, GM

Worldwide Facilities Group
Environmental Services
Remediation Team

December 21, 2007

Mr. William Hamilton
Manager of Engineering
MichCon
2000 Second Avenue
General Office 513
Detroit, MI
48226

Dear Mr. Hamilton:

This notice is provided to fulfill obligations under Act 451, Section 20107a, Part 10, Administrative Rule 1013 (6), as we understand that DTE/MichCon holds easement rights on the property located at:

2901 Tyler Road
Ypsilanti, MI
48198

This letter serves to inform you that groundwater and subsurface soils at this location have been impacted with volatile organic compounds, semi-volatile organic compounds, metals and polychlorinated biphenyls. The nature of the impacts varies at the property and may under some circumstances pose a potential for exposures that exceed acceptable levels as established by Part 201 of the Natural Resources and Environmental Protection Act (NREPA), Public Act 451 of 1994 (Part 201), as amended. For more details as to conditions at the property, and prior to any sub-surface work, please contact Dr. Ken Richards at 248-753-5912. Dr. Richards' mailing address is provided below as a footer to this letter

Sincerely

Ken Richards

Dr. Ken Richards
Project Manager, GM