

Table 1a: Groundwater Summary
General Motors Foundry Landfill, Danville, Illinois

Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
WQ	Ammonia	T	6	5	4.01E-01	7.41E+00	5.58E-02	5.58E-02	MG/L
WQ	Ammonia	D	79	63	1.10E-01	1.80E+01	2.00E-02	1.00E-01	MG/L
WQ	Chloride	T	92	91	2.20E+00	1.60E+02	5.00E+00	5.00E+00	MG/L
WQ	Chloride	D	327	320	1.30E+00	1.70E+02	1.00E+00	5.00E+01	MG/L
WQ	Dissolved oxygen (total)	D	5	5	1.77E+00	3.18E+00			MG/L
WQ	pH	T	263	263	5.63E+00	8.47E+00			S.U.
WQ	Specific Conductivity	T	5	5	8.18E+02	1.41E+03			UMHOS/CM
WQ	Sulfate	T	92	92	2.00E+01	1.53E+03			MG/L
WQ	Sulfate	D	327	324	1.00E+01	3.80E+03	1.00E+01	1.50E+01	MG/L
VOC	Acetone	T	35	2	4.80E-03	5.10E-03	1.00E-02	2.00E-02	MG/L
VOC	Benzene	T	35				5.00E-04	2.00E-03	MG/L
VOC	Bromobenzene	T	1				2.00E-03	2.00E-03	MG/L
VOC	Bromochloromethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	Bromodichloromethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	Bromoform	T	1				5.00E-04	5.00E-04	MG/L
VOC	Bromomethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	2-Butanone	T	35				1.00E-02	2.00E-02	MG/L
VOC	n-Butylbenzene	T	1				2.00E-03	2.00E-03	MG/L
VOC	sec-Butylbenzene	T	35				2.00E-03	5.00E-03	MG/L
VOC	tert-Butylbenzene	T	35				2.00E-03	5.00E-03	MG/L
VOC	Carbon Disulfide	T	35				5.00E-04	5.00E-03	MG/L
VOC	Carbon Tetrachloride	T	35				5.00E-04	5.00E-03	MG/L
VOC	Chlorobenzene	T	35				5.00E-04	5.00E-03	MG/L
VOC	Chloroethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	Chloroform	T	35				5.00E-04	5.00E-03	MG/L
VOC	Chloromethane	T	20				5.00E-04	5.00E-03	MG/L
VOC	2-Chlorotoluene	T	1				2.00E-03	2.00E-03	MG/L
VOC	4-Chlorotoluene	T	1				2.00E-03	2.00E-03	MG/L
VOC	Cumene	T	35				2.00E-03	5.00E-03	MG/L
VOC	p-Cymene	T	1				2.00E-03	2.00E-03	MG/L
VOC	1,2-Dibromo-3-chloropropane	T	35				2.00E-03	1.00E-02	MG/L
VOC	Dibromochloromethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,2-Dibromoethane	T	35				2.00E-03	1.00E-02	MG/L
VOC	Dibromomethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,2-Dichlorobenzene	T	39				9.60E-03	2.30E-02	MG/L
VOC	1,3-Dichlorobenzene	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,4-Dichlorobenzene	T	39				9.60E-03	2.30E-02	MG/L
VOC	Dichlorodifluoromethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,1-Dichloroethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,2-Dichloroethane	T	35				5.00E-04	5.00E-03	MG/L
VOC	1,1-Dichloroethene	T	35				5.00E-04	5.00E-03	MG/L
VOC	cis-1,2-Dichloroethene	T	35				5.00E-04	5.00E-03	MG/L
VOC	trans-1,2-Dichloroethene	T	35				5.00E-04	5.00E-03	MG/L
VOC	1,2-Dichloropropane	T	35				5.00E-04	5.00E-03	MG/L
VOC	1,3-Dichloropropane	T	1				5.00E-04	5.00E-04	MG/L
VOC	2,2-Dichloropropane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,1-Dichloropropene	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,3-Dichloropropene (total)	T	1				5.00E-04	5.00E-04	MG/L
VOC	Ethyl Benzene	T	35				5.00E-04	2.00E-03	MG/L
VOC	n-Hexane	T	34				5.00E-03	5.00E-03	MG/L
VOC	2-Hexanone	T	1				2.00E-02	2.00E-02	MG/L
VOC	Isobutyl Alcohol	T	34				5.00E-02	5.00E-02	MG/L
VOC	4-Methyl-2-pentanone	T	35				1.00E-02	2.00E-02	MG/L
VOC	Methylene Chloride	T	35				2.00E-03	5.00E-03	MG/L
VOC	n-Propylbenzene	T	1				2.00E-03	2.00E-03	MG/L
VOC	Styrene	T	35				5.00E-04	5.00E-03	MG/L
VOC	1,1,1,2-Tetrachloroethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,1,2,2-Tetrachloroethane	T	1				5.00E-04	5.00E-04	MG/L
VOC	Tetrachloroethene	T	35				5.00E-04	5.00E-03	MG/L
VOC	Toluene	T	35	4	1.30E-04	2.80E-04	5.00E-04	5.00E-03	MG/L
VOC	1,2,3-Trichlorobenzene	T	1				2.00E-03	2.00E-03	MG/L
VOC	1,2,4-Trichlorobenzene	T	35				2.00E-03	5.00E-03	MG/L
VOC	1,1,1-Trichloroethane	T	35				5.00E-04	5.00E-03	MG/L
VOC	1,1,2-Trichloroethane	T	35				5.00E-04	5.00E-03	MG/L
VOC	Trichloroethene	T	35				5.00E-04	5.00E-03	MG/L
VOC	Trichlorofluoromethane	T	35				5.00E-04	5.00E-03	MG/L
VOC	1,2,3-Trichloropropane	T	1				5.00E-04	5.00E-04	MG/L
VOC	1,2,4-Trimethylbenzene	T	35				2.00E-03	5.00E-03	MG/L
VOC	1,3,5-Trimethylbenzene	T	35				2.00E-03	5.00E-03	MG/L
VOC	Vinyl Chloride	T	35				5.00E-04	1.00E-02	MG/L
VOC	Xylenes (total)	T	35				5.00E-04	5.00E-03	MG/L
SVOC	Acenaphthene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Anthracene	T	20				9.60E-03	2.30E-02	MG/L
SVOC	Atrazine	T	35				9.90E-05	1.00E-03	MG/L
SVOC	Benzidine	T	39				1.00E-02	1.20E-01	MG/L
SVOC	Benzo(a)anthracene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Benzo(a)pyrene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Benzoic Acid	T	39				2.40E-02	5.60E-02	MG/L
SVOC	bis(2-Ethylhexyl)phthalate	T	39				9.60E-03	2.30E-02	MG/L
SVOC	2-sec-Butyl-4,6-dinitrophenol	T	35	1	1.30E-04	1.30E-04	2.00E-04	3.00E-03	MG/L
SVOC	Butylbenzylphthalate	T	39				5.00E-03	2.30E-02	MG/L
SVOC	Carbofuran	T	35				5.00E-04	1.00E-02	MG/L

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Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
SVOC	2-Chlorophenol	T	85				1.40E-04	2.30E-02	MG/L
SVOC	Chrysene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	2,4-Dichlorophenol	T	85				2.40E-04	2.30E-02	MG/L
SVOC	2,4-Dimethylphenol	T	85				2.30E-04	2.30E-02	MG/L
SVOC	Dimethylphthalate	T	20				5.00E-03	2.30E-02	MG/L
SVOC	Di-n-butylphthalate	T	39				9.60E-03	2.30E-02	MG/L
SVOC	4,6-Dinitro-2-methylphenol	T	85				2.70E-04	5.60E-02	MG/L
SVOC	2,4-Dinitrophenol	T	85				1.30E-03	5.60E-02	MG/L
SVOC	Di-n-octylphthalate	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Fluoranthene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Fluorene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Hexachlorobutadiene	T	1				2.00E-03	2.00E-03	MG/L
SVOC	Hexachlorocyclopentadiene	T	20				9.60E-03	2.30E-02	MG/L
SVOC	2-Methylnaphthalene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Methylphenol (total)	T	74				6.40E-04	2.30E-02	MG/L
SVOC	Naphthalene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Nitrobenzene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	4-Nitrophenol	T	85				6.30E-04	5.60E-02	MG/L
SVOC	N-Nitrosodimethylamine	T	39				1.00E-02	5.60E-02	MG/L
SVOC	N-Nitrosodiphenylamine	T	66				1.80E-04	2.30E-02	MG/L
SVOC	Pentachlorophenol	T	85				4.80E-04	5.60E-02	MG/L
SVOC	Phenanthrene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Phenol	T	85				1.40E-04	2.30E-02	MG/L
SVOC	Phenolics, Recoverable (total)	T	66	7	3.80E-02	1.74E+00	1.00E-02	1.70E-02	MG/L
SVOC	Phorate	T	39				5.00E-03	5.00E-02	MG/L
SVOC	Pyrene	T	39				9.60E-03	2.30E-02	MG/L
SVOC	Pyridine	T	39				5.00E-03	5.60E-02	MG/L
SVOC	2,6-toluene diisocyanate	T	1				1.30E-02	1.30E-02	MG/L
SVOC	2,4,5-Trichlorophenol	T	66				1.30E-04	2.30E-02	MG/L
SVOC	2,4,6-Trichlorophenol	T	85				1.60E-04	2.30E-02	MG/L
PHYS	CARBON	T	6	5	1.74E+00	1.07E+01	1.60E+00	1.60E+00	MG/L
PHYS	Organic Carbon (Dissolved)	D	52	51	2.40E+00	2.58E+01	1.60E+00	1.60E+00	MG/L
PHYS	Organic Carbon (total)	T	79	79	2.20E+00	3.00E+01			MG/L
PHYS	Dissolved solids (total)	D	331	331	3.54E+02	4.80E+03			MG/L
PHYS	Organic Halides (total)	T	85	23	5.00E-03	3.10E-01	1.00E-02	2.00E-02	MG/L
PHYS	Oxidation reduction potential	T	5	5	-1.09E+02	1.49E+02			MILLIVOLTS
PHYS	Temperature	T	5	5	1.34E+01	1.73E+01			DEG C
PEST	Aldicarb	T	35				5.00E-04	1.00E-02	MG/L
PEST	gamma-BHC	T	35				9.00E-06	5.00E-05	MG/L
PEST	Chlordane (total)	T	35	1	1.60E-05	1.60E-05	9.60E-06	5.00E-04	MG/L
PEST	Endrin	T	35	1	1.60E-06	1.60E-06	6.00E-06	1.00E-04	MG/L
PEST	Heptachlor	T	35				3.00E-06	5.00E-05	MG/L
PEST	Heptachlor epoxide	T	35	1	2.40E-06	2.40E-06	9.60E-06	2.40E-04	MG/L
PEST	Methoxychlor	T	35	3	4.00E-06	5.90E-05	9.60E-06	5.00E-04	MG/L
PEST	Toxaphene	T	35				2.40E-04	1.60E-03	MG/L
PCB	PCBs (total)	T	35				3.90E-04	1.00E-03	MG/L
OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	31				9.50E-03	5.00E-02	MG/L
OTHER	2,4-/2,6-Toluene diisocyanate	T	30				9.50E-03	2.20E-02	MG/L
OTHER	2-Chloro-1-ethanal	T	31				9.50E-03	2.20E-02	MG/L
OTHER	Turbidity	T	5	5	2.61E+00	2.37E+01			NTU
INORG	Antimony	T	35	12	4.00E-05	1.70E-04	5.00E-05	1.00E-02	MG/L
INORG	Antimony	D	2	1	2.10E-04	2.10E-04	5.00E-05	5.00E-05	MG/L
INORG	Arsenic	T	35	29	2.30E-04	4.20E-02	5.00E-04	2.00E-03	MG/L
INORG	Arsenic	D	85	37	2.10E-04	2.50E-02	5.00E-04	4.30E-03	MG/L
INORG	Barium	T	35	35	1.15E-02	1.31E-01			MG/L
INORG	Barium	D	2	2	1.37E-02	2.39E-02			MG/L
INORG	Beryllium	T	35	13	6.00E-06	2.00E-03	2.00E-05	1.00E-03	MG/L
INORG	Beryllium	D	2	2	2.00E-05	1.10E-04			MG/L
INORG	Boron	T	35	35	1.00E-01	7.40E-01			MG/L
INORG	Boron	D	1	1	2.13E-01	2.13E-01			MG/L
INORG	Cadmium	T	35	17	4.10E-05	5.00E-03	1.00E-03	1.00E-03	MG/L
INORG	Cadmium	D	85	19	3.70E-05	5.00E-03	2.80E-04	2.00E-03	MG/L
INORG	Calcium	T	52	52	3.08E+01	3.86E+02			MG/L
INORG	Calcium	D	52	52	2.86E+01	3.88E+02			MG/L
INORG	Chromium (total)	T	35	25	3.00E-04	1.60E-02	2.00E-04	1.00E-03	MG/L
INORG	Chromium (total)	D	2	2	5.00E-04	7.00E-04			MG/L
INORG	Cobalt	T	35	28	3.76E-04	2.10E-02	1.00E-03	1.00E-03	MG/L
INORG	Cobalt	D	2	2	2.75E-03	7.08E-03			MG/L
INORG	Copper	T	35	29	3.00E-04	4.90E-02	1.00E-03	1.00E-03	MG/L
INORG	Copper	D	2	2	1.10E-03	4.30E-03			MG/L
INORG	Cyanide (total)	T	85	9	2.00E-03	3.10E-02	2.50E-03	1.00E-02	MG/L
INORG	Fluoride	T	88	69	2.10E-01	1.75E+01	2.60E-02	5.00E-01	MG/L
INORG	Fluoride	D	68	57	2.00E-01	1.89E+01	2.60E-02	2.00E+00	MG/L
INORG	Iron	T	91	86	2.00E-02	4.06E+04	1.00E-02	4.90E-02	MG/L
INORG	Iron	D	197	153	6.70E-03	1.25E+02	1.00E-02	1.41E+01	MG/L
INORG	Lead	T	35	23	6.00E-06	1.00E-02	2.00E-03	2.00E-03	MG/L
INORG	Lead	D	85	14	1.30E-05	5.60E-03	2.00E-05	4.00E-03	MG/L
INORG	Manganese	T	88	87	4.00E-03	3.54E+03	1.20E-03	1.20E-03	MG/L
INORG	Manganese	D	201	189	1.00E-03	5.34E+00	2.00E-04	2.00E-02	MG/L
INORG	Mercury	T	35	1	2.00E-05	2.00E-05	2.00E-04	2.00E-04	MG/L
INORG	Mercury	D	85	6	2.00E-05	1.40E-04	2.90E-05	5.00E-04	MG/L
INORG	Nickel	T	35	33	1.40E-03	1.43E-01	1.00E-03	1.00E-03	MG/L

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Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
INORG	Nickel	D	2	2	7.50E-03	2.78E-02			MG/L
INORG	Nitrate	T	35	22	2.90E-02	1.72E+00	5.00E-02	2.00E-01	MG/L
INORG	Selenium	T	35	9	4.00E-04	1.40E-03	1.00E-03	5.00E-03	MG/L
INORG	Selenium	D	2				1.00E-03	1.00E-03	MG/L
INORG	Silver	T	35	3	1.10E-05	2.30E-05	2.00E-05	1.00E-03	MG/L
INORG	Silver	D	2				2.00E-05	2.00E-05	MG/L
INORG	Thallium	T	35	15	8.00E-06	2.00E-02	2.00E-05	1.00E-02	MG/L
INORG	Thallium	D	2	1	3.00E-05	3.00E-05	2.00E-05	2.00E-05	MG/L
INORG	Zinc	T	35	34	1.11E-03	1.02E-01	5.00E-03	5.00E-03	MG/L
INORG	Zinc	D	2	2	3.40E-03	9.00E-03			MG/L
HERB	Alachlor	T	35				7.10E-05	1.00E-03	MG/L
HERB	2,4-D	T	35				1.00E-04	1.00E-03	MG/L
HERB	Dalapon	T	35				5.40E-04	3.00E-03	MG/L
HERB	Endothall	T	35				5.00E-03	9.00E-03	MG/L
HERB	Picloram	T	35				1.00E-04	3.00E-03	MG/L
HERB	Simazine	T	35				5.00E-05	5.00E-03	MG/L
HERB	2,4,5-TP	T	35				5.00E-05	1.00E-03	MG/L
Notes:									
Chem Group - chemical group									
Meas Basis - measured basis; T = total, D = dissolved									
Includes groundwater data collected between August 1986 and May 2007									

Table 1b: Groundwater Summary by Saturated Zone
General Motors Foundry Landfill, Danville, Illinois

Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
deep	WQ	Ammonia	T	2	2	4.01E-01	3.18E+00			MG/L
deep	WQ	Ammonia	D	34	33	3.00E-01	1.80E+01	6.00E-02	6.00E-02	MG/L
deep	WQ	Chloride	T	40	40	1.60E+01	6.50E+01			MG/L
deep	WQ	Chloride	D	158	158	3.30E+00	8.30E+01			MG/L
deep	WQ	Dissolved oxygen (total)	D	2	2	1.88E+00	2.91E+00			MG/L
deep	WQ	pH	T	132	132	5.65E+00	8.37E+00			S.U.
deep	WQ	Specific Conductivity	T	2	2	1.07E+03	1.41E+03			UMHOS/CM
deep	WQ	Sulfate	T	40	40	1.68E+02	1.53E+03			MG/L
deep	WQ	Sulfate	D	158	158	1.00E+01	2.20E+03			MG/L
deep	VOC	Acetone	T	15	1	5.10E-03	5.10E-03	1.00E-02	2.00E-02	MG/L
deep	VOC	Benzene	T	15				5.00E-04	2.00E-03	MG/L
deep	VOC	Bromobenzene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	Bromochloromethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	Bromodichloromethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	Bromoform	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	Bromomethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	2-Butanone	T	15				1.00E-02	2.00E-02	MG/L
deep	VOC	n-Butylbenzene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	sec-Butylbenzene	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	tert-Butylbenzene	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	Carbon Disulfide	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Carbon Tetrachloride	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Chlorobenzene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Chloroethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	Chloroform	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Chloromethane	T	8				5.00E-04	5.00E-03	MG/L
deep	VOC	2-Chlorotoluene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	4-Chlorotoluene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	Cumene	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	p-Cymene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	1,2-Dibromo-3-chloropropane	T	15				2.00E-03	1.00E-02	MG/L
deep	VOC	Dibromochloromethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,2-Dibromoethane	T	15				2.00E-03	1.00E-02	MG/L
deep	VOC	Dibromomethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,2-Dichlorobenzene	T	17				1.00E-02	2.30E-02	MG/L
deep	VOC	1,3-Dichlorobenzene	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,4-Dichlorobenzene	T	17				1.00E-02	2.30E-02	MG/L
deep	VOC	Dichlorodifluoromethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,1-Dichloroethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,2-Dichloroethane	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	1,1-Dichloroethene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	cis-1,2-Dichloroethene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	trans-1,2-Dichloroethene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	1,2-Dichloropropane	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	1,3-Dichloropropane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	2,2-Dichloropropane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,1-Dichloropropene	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,3-Dichloropropene (total)	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	Ethyl Benzene	T	15				5.00E-04	2.00E-03	MG/L
deep	VOC	n-Hexane	T	14				5.00E-03	5.00E-03	MG/L
deep	VOC	2-Hexanone	T	1				2.00E-02	2.00E-02	MG/L
deep	VOC	Isobutyl Alcohol	T	14				5.00E-02	5.00E-02	MG/L
deep	VOC	4-Methyl-2-pentanone	T	15				1.00E-02	2.00E-02	MG/L
deep	VOC	Methylene Chloride	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	n-Propylbenzene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	Styrene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	1,1,1,2-Tetrachloroethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,1,2,2-Tetrachloroethane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	Tetrachloroethene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Toluene	T	15	2	1.30E-04	2.80E-04	5.00E-04	5.00E-03	MG/L
deep	VOC	1,2,3-Trichlorobenzene	T	1				2.00E-03	2.00E-03	MG/L
deep	VOC	1,2,4-Trichlorobenzene	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	1,1,1-Trichloroethane	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	1,1,2-Trichloroethane	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Trichloroethene	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	Trichlorofluoromethane	T	15				5.00E-04	5.00E-03	MG/L
deep	VOC	1,2,3-Trichloropropane	T	1				5.00E-04	5.00E-04	MG/L
deep	VOC	1,2,4-Trimethylbenzene	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	1,3,5-Trimethylbenzene	T	15				2.00E-03	5.00E-03	MG/L
deep	VOC	Vinyl Chloride	T	15				5.00E-04	1.00E-02	MG/L
deep	VOC	Xylenes (total)	T	15				5.00E-04	5.00E-03	MG/L
deep	SVOC	Acenaphthene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Anthracene	T	8				1.00E-02	2.30E-02	MG/L
deep	SVOC	Atrazine	T	15				1.00E-04	1.00E-03	MG/L
deep	SVOC	Benzidine	T	17				1.00E-02	1.20E-01	MG/L
deep	SVOC	Benzo(a)anthracene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Benzo(a)pyrene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Benzoic Acid	T	17				2.50E-02	5.60E-02	MG/L
deep	SVOC	bis(2-Ethylhexyl)phthalate	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	15				2.00E-04	3.00E-03	MG/L
deep	SVOC	Butylbenzylphthalate	T	17				5.00E-03	2.30E-02	MG/L
deep	SVOC	Carbofuran	T	15				5.00E-04	1.00E-02	MG/L

Table 1b: Groundwater Summary by Saturated Zone
General Motors Foundry Landfill, Danville, Illinois

Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
deep	SVOC	2-Chlorophenol	T	36				1.40E-04	2.30E-02	MG/L
deep	SVOC	Chrysene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	2,4-Dichlorophenol	T	36				2.40E-04	2.30E-02	MG/L
deep	SVOC	2,4-Dimethylphenol	T	36				2.30E-04	2.30E-02	MG/L
deep	SVOC	Dimethylphthalate	T	8				5.00E-03	2.30E-02	MG/L
deep	SVOC	Di-n-butylphthalate	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	4,6-Dinitro-2-methylphenol	T	36				2.70E-04	5.60E-02	MG/L
deep	SVOC	2,4-Dinitrophenol	T	36				1.30E-03	5.60E-02	MG/L
deep	SVOC	Di-n-octylphthalate	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Fluoranthene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Fluorene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Hexachlorobutadiene	T	1				2.00E-03	2.00E-03	MG/L
deep	SVOC	Hexachlorocyclopentadiene	T	8				1.00E-02	2.30E-02	MG/L
deep	SVOC	2-Methylnaphthalene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Methylphenol (total)	T	31				6.40E-04	2.30E-02	MG/L
deep	SVOC	Naphthalene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Nitrobenzene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	4-Nitrophenol	T	36				6.30E-04	5.60E-02	MG/L
deep	SVOC	N-Nitrosodimethylamine	T	17				1.00E-02	5.60E-02	MG/L
deep	SVOC	N-Nitrosodiphenylamine	T	27				1.80E-04	2.30E-02	MG/L
deep	SVOC	Pentachlorophenol	T	36				4.80E-04	5.60E-02	MG/L
deep	SVOC	Phenanthrene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Phenol	T	36				1.40E-04	2.30E-02	MG/L
deep	SVOC	Phenolics, Recoverable (total)	T	29	2	1.03E+00	1.74E+00	1.00E-02	1.70E-02	MG/L
deep	SVOC	Phorate	T	17				5.00E-03	5.00E-02	MG/L
deep	SVOC	Pyrene	T	17				1.00E-02	2.30E-02	MG/L
deep	SVOC	Pyridine	T	17				5.00E-03	5.60E-02	MG/L
deep	SVOC	2,4,5-Trichlorophenol	T	27				1.30E-04	2.30E-02	MG/L
deep	SVOC	2,4,6-Trichlorophenol	T	36				1.60E-04	2.30E-02	MG/L
deep	PHYS	CARBON	T	2	2	3.38E+00	1.07E+01			MG/L
deep	PHYS	Organic Carbon (Dissolved)	D	21	21	3.99E+00	1.60E+01			MG/L
deep	PHYS	Organic Carbon (total)	T	34	34	5.90E+00	2.10E+01			MG/L
deep	PHYS	Dissolved solids (total)	D	160	160	5.90E+02	3.19E+03			MG/L
deep	PHYS	Organic Halides (total)	T	36	9	1.00E-02	9.00E-02	1.00E-02	2.00E-02	MG/L
deep	PHYS	Oxidation reduction potential	T	2	2	-1.09E+02	7.71E+01			MILLIVOLTS
deep	PHYS	Temperature	T	2	2	1.34E+01	1.44E+01			DEG C
deep	PEST	Aldicarb	T	15				5.00E-04	1.00E-02	MG/L
deep	PEST	gamma-BHC	T	15				9.00E-06	5.00E-05	MG/L
deep	PEST	Chlordane (total)	T	15				1.00E-05	5.00E-04	MG/L
deep	PEST	Endrin	T	15	1	1.60E-06	1.60E-06	6.00E-06	1.00E-04	MG/L
deep	PEST	Heptachlor	T	15				3.00E-06	5.00E-05	MG/L
deep	PEST	Heptachlor epoxide	T	15				1.10E-05	2.40E-04	MG/L
deep	PEST	Methoxychlor	T	15	1	4.00E-06	4.00E-06	1.30E-05	5.00E-04	MG/L
deep	PEST	Toxaphene	T	15				2.40E-04	1.00E-03	MG/L
deep	PCB	PCBs (total)	T	15				4.30E-04	1.00E-03	MG/L
deep	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	13				1.00E-02	5.00E-02	MG/L
deep	OTHER	2,4-/2,6-Toluene diisocyanate	T	13				1.00E-02	2.20E-02	MG/L
deep	OTHER	2-Chloro-1-ethanol	T	13				1.00E-02	2.20E-02	MG/L
deep	OTHER	Turbidity	T	2	2	6.95E+00	2.14E+01			NTU
deep	INORG	Antimony	T	15	3	4.00E-05	7.00E-05	5.00E-05	1.00E-02	MG/L
deep	INORG	Antimony	D	1				5.00E-05	5.00E-05	MG/L
deep	INORG	Arsenic	T	15	15	1.76E-03	4.20E-02			MG/L
deep	INORG	Arsenic	D	36	17	1.71E-03	2.50E-02	2.00E-03	4.30E-03	MG/L
deep	INORG	Barium	T	15	15	1.15E-02	4.90E-02			MG/L
deep	INORG	Barium	D	1	1	1.37E-02	1.37E-02			MG/L
deep	INORG	Beryllium	T	15	5	3.50E-05	2.00E-03	2.00E-05	1.00E-03	MG/L
deep	INORG	Beryllium	D	1	1	1.10E-04	1.10E-04			MG/L
deep	INORG	Boron	T	15	15	5.60E-01	7.40E-01			MG/L
deep	INORG	Cadmium	T	15	7	6.30E-05	5.00E-03	1.00E-03	1.00E-03	MG/L
deep	INORG	Cadmium	D	36	9	3.70E-05	5.00E-03	2.80E-04	2.00E-03	MG/L
deep	INORG	Calcium	T	21	21	9.18E+01	3.86E+02			MG/L
deep	INORG	Calcium	D	21	21	9.26E+01	3.88E+02			MG/L
deep	INORG	Chromium (total)	T	15	11	4.00E-04	1.60E-02	2.00E-04	1.00E-03	MG/L
deep	INORG	Chromium (total)	D	1	1	5.00E-04	5.00E-04			MG/L
deep	INORG	Cobalt	T	15	14	1.00E-03	2.10E-02	1.00E-03	1.00E-03	MG/L
deep	INORG	Cobalt	D	1	1	2.75E-03	2.75E-03			MG/L
deep	INORG	Copper	T	15	11	9.70E-04	4.90E-02	1.00E-03	1.00E-03	MG/L
deep	INORG	Copper	D	1	1	4.30E-03	4.30E-03			MG/L
deep	INORG	Cyanide (total)	T	36	2	4.00E-03	9.00E-03	2.50E-03	1.00E-02	MG/L
deep	INORG	Fluoride	T	38	27	2.10E-01	5.80E+00	2.60E-02	5.00E-01	MG/L
deep	INORG	Fluoride	D	29	23	2.00E-01	1.00E+01	2.60E-02	2.00E+00	MG/L
deep	INORG	Iron	T	40	40	4.40E+00	4.06E+04			MG/L
deep	INORG	Iron	D	92	88	4.00E-02	1.25E+02	1.00E-02	1.41E+01	MG/L
deep	INORG	Lead	T	15	9	6.00E-06	7.00E-03	2.00E-03	2.00E-03	MG/L
deep	INORG	Lead	D	36	4	1.40E-05	5.60E-03	2.00E-05	4.00E-03	MG/L
deep	INORG	Manganese	T	38	38	9.47E-01	3.54E+03			MG/L
deep	INORG	Manganese	D	94	93	6.47E-01	5.34E+00	2.00E-02	2.00E-02	MG/L
deep	INORG	Mercury	T	15	1	2.00E-05	2.00E-05	2.00E-04	2.00E-04	MG/L
deep	INORG	Mercury	D	36	1	1.40E-04	1.40E-04	2.90E-05	5.00E-04	MG/L
deep	INORG	Nickel	T	15	15	3.00E-03	1.43E-01			MG/L
deep	INORG	Nickel	D	1	1	2.78E-02	2.78E-02			MG/L
deep	INORG	Nitrate	T	15	13	2.90E-02	3.70E-01	2.00E-01	2.00E-01	MG/L

Table 1b: Groundwater Summary by Saturated Zone
General Motors Foundry Landfill, Danville, Illinois

Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
deep	INORG	Selenium	T	15	4	7.00E-04	1.40E-03	1.00E-03	5.00E-03	MG/L
deep	INORG	Selenium	D	1				1.00E-03	1.00E-03	MG/L
deep	INORG	Silver	T	15	2	1.10E-05	2.30E-05	2.00E-05	1.00E-03	MG/L
deep	INORG	Silver	D	1				2.00E-05	2.00E-05	MG/L
deep	INORG	Thallium	T	15	7	1.10E-05	2.00E-02	2.00E-05	1.00E-02	MG/L
deep	INORG	Thallium	D	1	1	3.00E-05	3.00E-05			MG/L
deep	INORG	Zinc	T	15	14	2.44E-03	1.02E-01	5.00E-03	5.00E-03	MG/L
deep	INORG	Zinc	D	1	1	9.00E-03	9.00E-03			MG/L
deep	HERB	Alachlor	T	15				7.20E-05	1.00E-03	MG/L
deep	HERB	2,4-D	T	15				1.00E-04	1.00E-03	MG/L
deep	HERB	Dalapon	T	15				5.40E-04	3.00E-03	MG/L
deep	HERB	Endothall	T	15				5.00E-03	9.00E-03	MG/L
deep	HERB	Picloram	T	15				1.00E-04	3.00E-03	MG/L
deep	HERB	Simazine	T	15				5.00E-05	5.00E-03	MG/L
deep	HERB	2,4,5-TP	T	15				5.00E-05	1.00E-03	MG/L
shallow	WQ	Ammonia	T	4	3	1.27E+00	7.41E+00	5.58E-02	5.58E-02	MG/L
shallow	WQ	Ammonia	D	45	30	1.10E-01	8.50E+00	2.00E-02	1.00E-01	MG/L
shallow	WQ	Chloride	T	52	51	2.20E+00	1.60E+02	5.00E+00	5.00E+00	MG/L
shallow	WQ	Chloride	D	169	162	1.30E+00	1.70E+02	1.00E+00	5.00E+01	MG/L
shallow	WQ	Dissolved oxygen (total)	D	3	3	1.77E+00	3.18E+00			MG/L
shallow	WQ	pH	T	131	131	5.63E+00	8.47E+00			S.U.
shallow	WQ	Specific Conductivity	T	3	3	8.18E+02	1.36E+03			UMHOS/CM
shallow	WQ	Sulfate	T	52	52	2.00E+01	4.37E+02			MG/L
shallow	WQ	Sulfate	D	169	166	1.00E+01	3.80E+03	1.00E+01	1.50E+01	MG/L
shallow	VOC	Acetone	T	20	1	4.80E-03	4.80E-03	1.00E-02	1.00E-02	MG/L
shallow	VOC	Benzene	T	20				2.00E-03	2.00E-03	MG/L
shallow	VOC	2-Butanone	T	20				1.00E-02	1.00E-02	MG/L
shallow	VOC	sec-Butylbenzene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	tert-Butylbenzene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Carbon Disulfide	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Carbon Tetrachloride	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Chlorobenzene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Chloroform	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Chloromethane	T	12				5.00E-03	5.00E-03	MG/L
shallow	VOC	Cumene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,2-Dibromo-3-chloropropane	T	20				1.00E-02	1.00E-02	MG/L
shallow	VOC	1,2-Dibromoethane	T	20				1.00E-02	1.00E-02	MG/L
shallow	VOC	1,2-Dichlorobenzene	T	22				9.60E-03	1.50E-02	MG/L
shallow	VOC	1,4-Dichlorobenzene	T	22				9.60E-03	1.50E-02	MG/L
shallow	VOC	1,2-Dichloroethane	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,1-Dichloroethene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	cis-1,2-Dichloroethene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	trans-1,2-Dichloroethene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,2-Dichloropropane	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Ethyl Benzene	T	20				2.00E-03	2.00E-03	MG/L
shallow	VOC	n-Hexane	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Isobutyl Alcohol	T	20				5.00E-02	5.00E-02	MG/L
shallow	VOC	4-Methyl-2-pentanone	T	20				1.00E-02	1.00E-02	MG/L
shallow	VOC	Methylene Chloride	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Styrene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Tetrachloroethene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Toluene	T	20	2	1.40E-04	1.40E-04	5.00E-03	5.00E-03	MG/L
shallow	VOC	1,2,4-Trichlorobenzene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,1,1-Trichloroethane	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,1,2-Trichloroethane	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Trichloroethene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Trichlorofluoromethane	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,2,4-Trimethylbenzene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	1,3,5-Trimethylbenzene	T	20				5.00E-03	5.00E-03	MG/L
shallow	VOC	Vinyl Chloride	T	20				1.00E-02	1.00E-02	MG/L
shallow	VOC	Xylenes (total)	T	20				5.00E-03	5.00E-03	MG/L
shallow	SVOC	Acenaphthene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Anthracene	T	12				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Atrazine	T	20				9.90E-05	1.00E-03	MG/L
shallow	SVOC	Benzidine	T	22				1.00E-02	7.40E-02	MG/L
shallow	SVOC	Benzo(a)anthracene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Benzo(a)pyrene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Benzoic Acid	T	22				2.40E-02	5.00E-02	MG/L
shallow	SVOC	bis(2-Ethylhexyl)phthalate	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	20	1	1.30E-04	1.30E-04	2.00E-04	3.00E-03	MG/L
shallow	SVOC	Butylbenzylphthalate	T	22				5.00E-03	1.50E-02	MG/L
shallow	SVOC	Carbofuran	T	20				5.00E-04	1.00E-02	MG/L
shallow	SVOC	2-Chlorophenol	T	49				1.40E-04	1.50E-02	MG/L
shallow	SVOC	Chrysene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	2,4-Dichlorophenol	T	49				2.40E-04	1.50E-02	MG/L
shallow	SVOC	2,4-Dimethylphenol	T	49				2.30E-04	1.50E-02	MG/L
shallow	SVOC	Dimethylphthalate	T	12				5.00E-03	1.50E-02	MG/L
shallow	SVOC	Di-n-butylphthalate	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	4,6-Dinitro-2-methylphenol	T	49				2.70E-04	5.00E-02	MG/L
shallow	SVOC	2,4-Dinitrophenol	T	49				1.30E-03	5.00E-02	MG/L
shallow	SVOC	Di-n-octylphthalate	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Fluoranthene	T	22				9.60E-03	1.50E-02	MG/L

Table 1b: Groundwater Summary by Saturated Zone
General Motors Foundry Landfill, Danville, Illinois

Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
shallow	SVOC	Fluorene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Hexachlorocyclopentadiene	T	12				9.60E-03	1.50E-02	MG/L
shallow	SVOC	2-Methylnaphthalene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Methylphenol (total)	T	43				6.40E-04	1.50E-02	MG/L
shallow	SVOC	Naphthalene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Nitrobenzene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	4-Nitrophenol	T	49				6.30E-04	3.70E-02	MG/L
shallow	SVOC	N-Nitrosodimethylamine	T	22				1.00E-02	3.70E-02	MG/L
shallow	SVOC	N-Nitrosodiphenylamine	T	39				1.80E-04	1.50E-02	MG/L
shallow	SVOC	Pentachlorophenol	T	49				4.80E-04	5.00E-02	MG/L
shallow	SVOC	Phenanthrene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Phenol	T	49				1.40E-04	1.50E-02	MG/L
shallow	SVOC	Phenolics, Recoverable (total)	T	37	5	3.80E-02	7.18E-01	1.00E-02	1.70E-02	MG/L
shallow	SVOC	Phorate	T	22				5.00E-03	5.00E-02	MG/L
shallow	SVOC	Pyrene	T	22				9.60E-03	1.50E-02	MG/L
shallow	SVOC	Pyridine	T	22				5.00E-03	3.70E-02	MG/L
shallow	SVOC	2,6-toluene diisocyanate	T	1				1.30E-02	1.30E-02	MG/L
shallow	SVOC	2,4,5-Trichlorophenol	T	39				1.30E-04	1.50E-02	MG/L
shallow	SVOC	2,4,6-Trichlorophenol	T	49				1.60E-04	1.50E-02	MG/L
shallow	PHYS	CARBON	T	4	3	1.74E+00	1.04E+01	1.60E+00	1.60E+00	MG/L
shallow	PHYS	Organic Carbon (Dissolved)	D	31	30	2.40E+00	2.58E+01	1.60E+00	1.60E+00	MG/L
shallow	PHYS	Organic Carbon (total)	T	45	45	2.20E+00	3.00E+01			MG/L
shallow	PHYS	Dissolved solids (total)	D	171	171	3.54E+02	4.80E+03			MG/L
shallow	PHYS	Organic Halides (total)	T	49	14	5.00E-03	3.10E-01	1.00E-02	2.00E-02	MG/L
shallow	PHYS	Oxidation reduction potential	T	3	3	3.62E+01	1.49E+02			MILLIVOLTS
shallow	PHYS	Temperature	T	3	3	1.49E+01	1.73E+01			DEG C
shallow	PEST	Aldicarb	T	20				5.00E-04	1.00E-02	MG/L
shallow	PEST	gamma-BHC	T	20				9.00E-06	5.00E-05	MG/L
shallow	PEST	Chlordane (total)	T	20	1	1.60E-05	1.60E-05	9.60E-06	5.00E-04	MG/L
shallow	PEST	Endrin	T	20				6.00E-06	1.00E-04	MG/L
shallow	PEST	Heptachlor	T	20				3.00E-06	5.00E-05	MG/L
shallow	PEST	Heptachlor epoxide	T	20	1	2.40E-06	2.40E-06	9.60E-06	2.40E-04	MG/L
shallow	PEST	Methoxychlor	T	20	2	1.60E-05	5.90E-05	9.60E-06	5.00E-04	MG/L
shallow	PEST	Toxaphene	T	20				2.40E-04	1.60E-03	MG/L
shallow	PCB	PCBs (total)	T	20				3.90E-04	1.00E-03	MG/L
shallow	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	18				9.50E-03	5.00E-02	MG/L
shallow	OTHER	2,4-/2,6-Toluene diisocyanate	T	17				9.50E-03	1.50E-02	MG/L
shallow	OTHER	2-Chloro-1-ethanal	T	18				9.50E-03	1.50E-02	MG/L
shallow	OTHER	Turbidity	T	3	3	2.61E+00	2.37E+01			NTU
shallow	INORG	Antimony	T	20	9	4.00E-05	1.70E-04	5.00E-05	1.00E-02	MG/L
shallow	INORG	Antimony	D	1	1	2.10E-04	2.10E-04			MG/L
shallow	INORG	Arsenic	T	20	14	2.30E-04	9.00E-03	5.00E-04	2.00E-03	MG/L
shallow	INORG	Arsenic	D	49	20	2.10E-04	1.20E-02	5.00E-04	4.30E-03	MG/L
shallow	INORG	Barium	T	20	20	1.70E-02	1.31E-01			MG/L
shallow	INORG	Barium	D	1	1	2.39E-02	2.39E-02			MG/L
shallow	INORG	Beryllium	T	20	8	6.00E-06	2.20E-04	2.00E-05	1.00E-03	MG/L
shallow	INORG	Beryllium	D	1	1	2.00E-05	2.00E-05			MG/L
shallow	INORG	Boron	T	20	20	1.00E-01	6.40E-01			MG/L
shallow	INORG	Boron	D	1	1	2.13E-01	2.13E-01			MG/L
shallow	INORG	Cadmium	T	20	10	4.10E-05	3.60E-04	1.00E-03	1.00E-03	MG/L
shallow	INORG	Cadmium	D	49	10	4.40E-05	2.60E-04	2.80E-04	1.00E-03	MG/L
shallow	INORG	Calcium	T	31	31	3.08E+01	2.12E+02			MG/L
shallow	INORG	Calcium	D	31	31	2.86E+01	2.01E+02			MG/L
shallow	INORG	Chromium (total)	T	20	14	3.00E-04	8.00E-03	2.00E-04	1.00E-03	MG/L
shallow	INORG	Chromium (total)	D	1	1	7.00E-04	7.00E-04			MG/L
shallow	INORG	Cobalt	T	20	14	3.76E-04	6.08E-03	1.00E-03	1.00E-03	MG/L
shallow	INORG	Cobalt	D	1	1	7.08E-03	7.08E-03			MG/L
shallow	INORG	Copper	T	20	18	3.00E-04	7.00E-03	1.00E-03	1.00E-03	MG/L
shallow	INORG	Copper	D	1	1	1.10E-03	1.10E-03			MG/L
shallow	INORG	Cyanide (total)	T	49	7	2.00E-03	3.10E-02	2.50E-03	1.00E-02	MG/L
shallow	INORG	Fluoride	T	50	42	2.40E-01	1.75E+01	2.60E-02	5.00E-01	MG/L
shallow	INORG	Fluoride	D	39	34	3.00E-01	1.89E+01	2.60E-02	4.00E-01	MG/L
shallow	INORG	Iron	T	51	46	2.00E-02	5.42E+03	1.00E-02	4.90E-02	MG/L
shallow	INORG	Iron	D	105	65	6.70E-03	6.53E+00	1.00E-02	4.90E-02	MG/L
shallow	INORG	Lead	T	20	14	1.70E-05	1.00E-02	2.00E-03	2.00E-03	MG/L
shallow	INORG	Lead	D	49	10	1.30E-05	1.90E-04	1.70E-03	2.00E-03	MG/L
shallow	INORG	Manganese	T	50	49	4.00E-03	1.32E+03	1.20E-03	1.20E-03	MG/L
shallow	INORG	Manganese	D	107	96	1.00E-03	4.98E+00	2.00E-04	2.00E-02	MG/L
shallow	INORG	Mercury	T	20				2.00E-04	2.00E-04	MG/L
shallow	INORG	Mercury	D	49	5	2.00E-05	1.40E-04	2.90E-05	5.00E-04	MG/L
shallow	INORG	Nickel	T	20	18	1.40E-03	1.20E-02	1.00E-03	1.00E-03	MG/L
shallow	INORG	Nickel	D	1	1	7.50E-03	7.50E-03			MG/L
shallow	INORG	Nitrate	T	20	9	6.00E-02	1.72E+00	5.00E-02	2.00E-01	MG/L
shallow	INORG	Selenium	T	20	5	4.00E-04	1.40E-03	1.00E-03	5.00E-03	MG/L
shallow	INORG	Selenium	D	1				1.00E-03	1.00E-03	MG/L
shallow	INORG	Silver	T	20	1	2.20E-05	2.20E-05	2.00E-05	1.00E-03	MG/L
shallow	INORG	Silver	D	1				2.00E-05	2.00E-05	MG/L
shallow	INORG	Thallium	T	20	8	8.00E-06	5.10E-05	2.00E-05	1.00E-02	MG/L
shallow	INORG	Thallium	D	1				2.00E-05	2.00E-05	MG/L
shallow	INORG	Zinc	T	20	20	1.11E-03	1.01E-01			MG/L
shallow	INORG	Zinc	D	1	1	3.40E-03	3.40E-03			MG/L
shallow	HERB	Alachlor	T	20				7.10E-05	1.00E-03	MG/L

Table 1b: Groundwater Summary by Saturated Zone General Motors Foundry Landfill, Danville, Illinois										
Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
shallow	HERB	2,4-D	T	20				1.00E-04	1.00E-03	MG/L
shallow	HERB	Dalapon	T	20				5.40E-04	3.00E-03	MG/L
shallow	HERB	Endothall	T	20				5.00E-03	9.00E-03	MG/L
shallow	HERB	Picloram	T	20				1.00E-04	3.00E-03	MG/L
shallow	HERB	Simazine	T	20				5.00E-05	5.00E-03	MG/L
shallow	HERB	2,4,5-TP	T	20				5.00E-05	1.00E-03	MG/L
Notes:										
Deep wells are identified as those wells screened in the shale (G-14D and G-31D).										
Chem Group - chemical group										
Meas Basis - measured basis; T = total, D = dissolved										
Includes groundwater data collected between August 1986 and May 2007										

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G19S	shallow	WQ	Ammonia	T	1				5.58E-02	5.58E-02	MG/L
G19S	shallow	WQ	Ammonia	D	18	3	1.10E-01	3.60E-01	2.00E-02	2.00E-01	MG/L
G19S	shallow	WQ	Chloride	T	21	20	2.20E+00	6.30E+01	5.00E+00	5.00E+00	MG/L
G19S	shallow	WQ	Chloride	D	80	74	1.30E+00	6.30E+01	1.00E+00	5.00E+00	MG/L
G19S	shallow	WQ	pH	T	66	66	5.63E+00	8.47E+00			S.U.
G19S	shallow	WQ	Sulfate	T	21	21	4.10E+01	2.94E+02			MG/L
G19S	shallow	WQ	Sulfate	D	80	79	2.88E+01	3.51E+02	1.50E+01	1.50E+01	MG/L
G19S	shallow	VOC	Acetone	T	8				1.00E-02	1.00E-02	MG/L
G19S	shallow	VOC	Benzene	T	8				2.00E-03	2.00E-03	MG/L
G19S	shallow	VOC	2-Butanone	T	8				1.00E-02	1.00E-02	MG/L
G19S	shallow	VOC	sec-Butylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	tert-Butylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Carbon Disulfide	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Carbon Tetrachloride	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Chlorobenzene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Chloroform	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Chloromethane	T	4				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Cumene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,2-Dibromo-3-chloropropane	T	8				1.00E-02	1.00E-02	MG/L
G19S	shallow	VOC	1,2-Dibromoethane	T	8				1.00E-02	1.00E-02	MG/L
G19S	shallow	VOC	1,2-Dichlorobenzene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	VOC	1,4-Dichlorobenzene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	VOC	1,2-Dichloroethane	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,1-Dichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	cis-1,2-Dichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	trans-1,2-Dichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,2-Dichloropropane	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Ethyl Benzene	T	8				2.00E-03	2.00E-03	MG/L
G19S	shallow	VOC	n-Hexane	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Isobutyl Alcohol	T	8				5.00E-02	5.00E-02	MG/L
G19S	shallow	VOC	4-Methyl-2-pentanone	T	8				1.00E-02	1.00E-02	MG/L
G19S	shallow	VOC	Methylene Chloride	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Styrene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Tetrachloroethene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Toluene	T	8	1	1.40E-04	1.40E-04	5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,2,4-Trichlorobenzene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,1,1-Trichloroethane	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,1,2-Trichloroethane	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Trichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Trichlorofluoromethane	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,2,4-Trimethylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	1,3,5-Trimethylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	VOC	Vinyl Chloride	T	8				1.00E-02	1.00E-02	MG/L
G19S	shallow	VOC	Xylenes (total)	T	8				5.00E-03	5.00E-03	MG/L
G19S	shallow	SVOC	Acenaphthene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Anthracene	T	4				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Atrazine	T	8				1.10E-04	1.00E-03	MG/L
G19S	shallow	SVOC	Benzidine	T	9				1.00E-02	6.10E-02	MG/L
G19S	shallow	SVOC	Benzo(a)anthracene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Benzo(a)pyrene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Benzoic Acid	T	9				2.70E-02	5.00E-02	MG/L
G19S	shallow	SVOC	bis(2-Ethylhexyl)phthalate	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	8	1	1.30E-04	1.30E-04	2.00E-04	3.00E-03	MG/L
G19S	shallow	SVOC	Butylbenzylphthalate	T	9				5.00E-03	1.30E-02	MG/L
G19S	shallow	SVOC	Carbofuran	T	8				5.00E-04	1.00E-02	MG/L
G19S	shallow	SVOC	2-Chlorophenol	T	19				1.40E-04	1.30E-02	MG/L
G19S	shallow	SVOC	Chrysene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	2,4-Dichlorophenol	T	19				2.40E-04	1.30E-02	MG/L
G19S	shallow	SVOC	2,4-Dimethylphenol	T	19				2.30E-04	1.30E-02	MG/L
G19S	shallow	SVOC	Dimethylphthalate	T	4				5.00E-03	1.30E-02	MG/L
G19S	shallow	SVOC	Di-n-butylphthalate	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	4,6-Dinitro-2-methylphenol	T	19				2.70E-04	5.00E-02	MG/L
G19S	shallow	SVOC	2,4-Dinitrophenol	T	19				1.30E-03	5.00E-02	MG/L
G19S	shallow	SVOC	Di-n-octylphthalate	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Fluoranthene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Fluorene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Hexachlorocyclopentadiene	T	4				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	2-Methylnaphthalene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Methylphenol (total)	T	16				6.40E-04	1.30E-02	MG/L
G19S	shallow	SVOC	Naphthalene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Nitrobenzene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	4-Nitrophenol	T	19				6.30E-04	3.10E-02	MG/L
G19S	shallow	SVOC	N-Nitrosodimethylamine	T	9				1.00E-02	3.10E-02	MG/L
G19S	shallow	SVOC	N-Nitrosodiphenylamine	T	14				1.80E-04	1.30E-02	MG/L
G19S	shallow	SVOC	Pentachlorophenol	T	19				4.80E-04	5.00E-02	MG/L
G19S	shallow	SVOC	Phenanthrene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Phenol	T	19				1.40E-04	1.30E-02	MG/L
G19S	shallow	SVOC	Phenolics, Recoverable (total)	T	15	1	6.94E-02	6.94E-02	1.00E-02	1.70E-02	MG/L
G19S	shallow	SVOC	Phorate	T	9				5.00E-03	5.00E-02	MG/L
G19S	shallow	SVOC	Pyrene	T	9				1.00E-02	1.30E-02	MG/L
G19S	shallow	SVOC	Pyridine	T	9				5.00E-03	3.10E-02	MG/L
G19S	shallow	SVOC	2,4,5-Trichlorophenol	T	14				1.30E-04	1.30E-02	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G19S	shallow	SVOC	2,4,6-Trichlorophenol	T	19				1.60E-04	1.30E-02	MG/L
G19S	shallow	PHYS	CARBON	T	1	1	1.74E+00	1.74E+00			MG/L
G19S	shallow	PHYS	Organic Carbon (Dissolved)	D	10	10	2.40E+00	5.00E+00			MG/L
G19S	shallow	PHYS	Organic Carbon (total)	T	18	18	2.20E+00	7.20E+00			MG/L
G19S	shallow	PHYS	Dissolved solids (total)	D	81	81	3.54E+02	2.70E+03			MG/L
G19S	shallow	PHYS	Organic Halides (total)	T	19	2	2.10E-02	5.10E-02	1.00E-02	2.00E-02	MG/L
G19S	shallow	PEST	Aldicarb	T	8				5.00E-04	1.00E-02	MG/L
G19S	shallow	PEST	gamma-BHC	T	8				9.00E-06	5.00E-05	MG/L
G19S	shallow	PEST	Chlordane (total)	T	8				1.00E-05	5.00E-04	MG/L
G19S	shallow	PEST	Endrin	T	8				6.00E-06	1.00E-04	MG/L
G19S	shallow	PEST	Heptachlor	T	8				3.00E-06	5.00E-05	MG/L
G19S	shallow	PEST	Heptachlor epoxide	T	8				1.20E-05	2.40E-04	MG/L
G19S	shallow	PEST	Methoxychlor	T	8				1.20E-05	5.00E-04	MG/L
G19S	shallow	PEST	Toxaphene	T	8				2.40E-04	1.00E-03	MG/L
G19S	shallow	PCB	PCBs (total)	T	8				4.70E-04	1.00E-03	MG/L
G19S	shallow	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	7				1.10E-02	5.00E-02	MG/L
G19S	shallow	OTHER	2,4-/2,6-Toluene diisocyanate	T	7				1.10E-02	1.20E-02	MG/L
G19S	shallow	OTHER	2-Chloro-1-ethanal	T	7				1.00E-02	1.20E-02	MG/L
G19S	shallow	INORG	Antimony	T	8	3	1.30E-04	1.70E-04	1.00E-02	1.00E-02	MG/L
G19S	shallow	INORG	Arsenic	T	8	2	2.30E-04	3.30E-04	5.00E-04	2.00E-03	MG/L
G19S	shallow	INORG	Arsenic	D	19	3	2.10E-04	4.00E-03	5.00E-04	4.30E-03	MG/L
G19S	shallow	INORG	Barium	T	8	8	4.20E-02	1.27E-01			MG/L
G19S	shallow	INORG	Beryllium	T	8	2	6.00E-06	9.00E-06	2.00E-05	1.00E-03	MG/L
G19S	shallow	INORG	Boron	T	8	8	1.00E-01	2.20E-01			MG/L
G19S	shallow	INORG	Boron	D	1	1	2.13E-01	2.13E-01			MG/L
G19S	shallow	INORG	Cadmium	T	8	3	6.80E-05	1.60E-04	1.00E-03	1.00E-03	MG/L
G19S	shallow	INORG	Cadmium	D	19	3	5.40E-05	1.70E-04	2.80E-04	1.00E-03	MG/L
G19S	shallow	INORG	Calcium	T	10	10	1.17E+02	2.12E+02			MG/L
G19S	shallow	INORG	Calcium	D	10	10	1.23E+02	2.01E+02			MG/L
G19S	shallow	INORG	Chromium (total)	T	8	6	3.00E-04	4.00E-03	1.00E-03	1.00E-03	MG/L
G19S	shallow	INORG	Cobalt	T	8	5	3.76E-04	4.00E-03	1.00E-03	1.00E-03	MG/L
G19S	shallow	INORG	Copper	T	8	7	1.20E-03	7.00E-03	1.00E-03	1.00E-03	MG/L
G19S	shallow	INORG	Cyanide (total)	T	19				2.50E-03	1.00E-02	MG/L
G19S	shallow	INORG	Fluoride	T	20	13	3.30E-01	1.00E+00	2.60E-02	5.00E-01	MG/L
G19S	shallow	INORG	Fluoride	D	14	10	3.00E-01	1.00E+00	2.60E-02	3.70E-02	MG/L
G19S	shallow	INORG	Iron	T	20	15	2.00E-02	1.00E+03	1.00E-02	4.90E-02	MG/L
G19S	shallow	INORG	Iron	D	47	14	6.70E-03	3.53E+00	1.00E-02	4.90E-02	MG/L
G19S	shallow	INORG	Lead	T	8	7	2.06E-04	1.00E-02	2.00E-03	2.00E-03	MG/L
G19S	shallow	INORG	Lead	D	19	3	3.80E-05	1.20E-04	1.70E-03	2.00E-03	MG/L
G19S	shallow	INORG	Manganese	T	20	19	4.00E-03	5.30E+01	1.20E-03	1.20E-03	MG/L
G19S	shallow	INORG	Manganese	D	48	37	1.00E-03	4.32E-01	2.00E-04	2.00E-02	MG/L
G19S	shallow	INORG	Mercury	T	8				2.00E-04	2.00E-04	MG/L
G19S	shallow	INORG	Mercury	D	19	2	4.00E-05	1.20E-04	2.90E-05	5.00E-04	MG/L
G19S	shallow	INORG	Nickel	T	8	7	1.40E-03	1.00E-02	1.00E-03	1.00E-03	MG/L
G19S	shallow	INORG	Nitrate	T	8	7	1.70E-01	7.90E-01	1.00E-01	1.00E-01	MG/L
G19S	shallow	INORG	Selenium	T	8	1	4.00E-04	4.00E-04	1.00E-03	5.00E-03	MG/L
G19S	shallow	INORG	Silver	T	8				2.00E-05	1.00E-03	MG/L
G19S	shallow	INORG	Thallium	T	8	2	8.00E-06	1.10E-05	2.00E-05	1.00E-02	MG/L
G19S	shallow	INORG	Zinc	T	8	8	7.52E-03	1.01E-01			MG/L
G19S	shallow	HERB	Alachlor	T	8				7.60E-05	1.00E-03	MG/L
G19S	shallow	HERB	2,4-D	T	8				1.00E-04	1.00E-03	MG/L
G19S	shallow	HERB	Dalapon	T	8				5.40E-04	3.00E-03	MG/L
G19S	shallow	HERB	Endothall	T	8				5.00E-03	9.00E-03	MG/L
G19S	shallow	HERB	Picloram	T	8				1.00E-04	3.00E-03	MG/L
G19S	shallow	HERB	Simazine	T	8				5.30E-05	5.00E-03	MG/L
G19S	shallow	HERB	2,4,5-TP	T	8				5.00E-05	1.00E-03	MG/L
G32S	shallow	WQ	Ammonia	T	1	1	7.41E+00	7.41E+00			MG/L
G32S	shallow	WQ	Ammonia	D	19	19	4.55E+00	8.50E+00			MG/L
G32S	shallow	WQ	Chloride	T	21	21	2.60E+01	5.50E+01			MG/L
G32S	shallow	WQ	Chloride	D	79	78	5.80E+00	6.70E+01	5.00E+01	5.00E+01	MG/L
G32S	shallow	WQ	Dissolved oxygen (total)	D	1	1	1.77E+00	1.77E+00			MG/L
G32S	shallow	WQ	pH	T	63	63	6.16E+00	8.12E+00			S.U.
G32S	shallow	WQ	Specific Conductivity	T	1	1	8.18E+02	8.18E+02			UMHOS/CM
G32S	shallow	WQ	Sulfate	T	21	21	2.00E+01	1.59E+02			MG/L
G32S	shallow	WQ	Sulfate	D	79	77	1.00E+01	3.80E+03	1.00E+01	1.50E+01	MG/L
G32S	shallow	VOC	Acetone	T	8	1	4.80E-03	4.80E-03	1.00E-02	1.00E-02	MG/L
G32S	shallow	VOC	Benzene	T	8				2.00E-03	2.00E-03	MG/L
G32S	shallow	VOC	2-Butanone	T	8				1.00E-02	1.00E-02	MG/L
G32S	shallow	VOC	sec-Butylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	tert-Butylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Carbon Disulfide	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Carbon Tetrachloride	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Chlorobenzene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Chloroform	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Chloromethane	T	4				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Cumene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,2-Dibromo-3-chloropropane	T	8				1.00E-02	1.00E-02	MG/L
G32S	shallow	VOC	1,2-Dibromoethane	T	8				1.00E-02	1.00E-02	MG/L
G32S	shallow	VOC	1,2-Dichlorobenzene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	VOC	1,4-Dichlorobenzene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	VOC	1,2-Dichloroethane	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,1-Dichloroethene	T	8				5.00E-03	5.00E-03	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G32S	shallow	VOC	cis-1,2-Dichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	trans-1,2-Dichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,2-Dichloropropane	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Ethyl Benzene	T	8				2.00E-03	2.00E-03	MG/L
G32S	shallow	VOC	n-Hexane	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Isobutyl Alcohol	T	8				5.00E-02	5.00E-02	MG/L
G32S	shallow	VOC	4-Methyl-2-pentanone	T	8				1.00E-02	1.00E-02	MG/L
G32S	shallow	VOC	Methylene Chloride	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Styrene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Tetrachloroethene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Toluene	T	8	1	1.40E-04	1.40E-04	5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,2,4-Trichlorobenzene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,1,1-Trichloroethane	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,1,2-Trichloroethane	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Trichloroethene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Trichlorofluoromethane	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,2,4-Trimethylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	1,3,5-Trimethylbenzene	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	VOC	Vinyl Chloride	T	8				1.00E-02	1.00E-02	MG/L
G32S	shallow	VOC	Xylenes (total)	T	8				5.00E-03	5.00E-03	MG/L
G32S	shallow	SVOC	Acenaphthene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Anthracene	T	4				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Atrazine	T	8				1.10E-04	1.00E-03	MG/L
G32S	shallow	SVOC	Benidine	T	9				1.00E-02	7.40E-02	MG/L
G32S	shallow	SVOC	Benzo(a)anthracene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Benzo(a)pyrene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Benzoic Acid	T	9				3.20E-02	5.00E-02	MG/L
G32S	shallow	SVOC	bis(2-Ethylhexyl)phthalate	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	8				2.00E-04	3.00E-03	MG/L
G32S	shallow	SVOC	Butylbenzylphthalate	T	9				5.00E-03	1.50E-02	MG/L
G32S	shallow	SVOC	Carbofuran	T	8				5.00E-04	1.00E-02	MG/L
G32S	shallow	SVOC	2-Chlorophenol	T	20				1.40E-04	1.50E-02	MG/L
G32S	shallow	SVOC	Chrysene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	2,4-Dichlorophenol	T	20				2.40E-04	1.50E-02	MG/L
G32S	shallow	SVOC	2,4-Dimethylphenol	T	20				2.30E-04	1.50E-02	MG/L
G32S	shallow	SVOC	Dimethylphthalate	T	4				5.00E-03	1.50E-02	MG/L
G32S	shallow	SVOC	Di-n-butylphthalate	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	4,6-Dinitro-2-methylphenol	T	20				2.70E-04	5.00E-02	MG/L
G32S	shallow	SVOC	2,4-Dinitrophenol	T	20				1.30E-03	5.00E-02	MG/L
G32S	shallow	SVOC	Di-n-octylphthalate	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Fluoranthene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Fluorene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Hexachlorocyclopentadiene	T	4				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	2-Methylnaphthalene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Methylphenol (total)	T	17				6.40E-04	1.50E-02	MG/L
G32S	shallow	SVOC	Naphthalene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Nitrobenzene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	4-Nitrophenol	T	20				6.30E-04	3.70E-02	MG/L
G32S	shallow	SVOC	N-Nitrosodimethylamine	T	9				1.00E-02	3.70E-02	MG/L
G32S	shallow	SVOC	N-Nitrosodiphenylamine	T	15				1.80E-04	1.50E-02	MG/L
G32S	shallow	SVOC	Pentachlorophenol	T	20				4.80E-04	5.00E-02	MG/L
G32S	shallow	SVOC	Phenanthrene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Phenol	T	20				1.40E-04	1.50E-02	MG/L
G32S	shallow	SVOC	Phenolics, Recoverable (total)	T	16	2	3.80E-02	2.33E-01	1.00E-02	1.70E-02	MG/L
G32S	shallow	SVOC	Phorate	T	9				5.00E-03	5.00E-02	MG/L
G32S	shallow	SVOC	Pyrene	T	9				1.00E-02	1.50E-02	MG/L
G32S	shallow	SVOC	Pyridine	T	9				5.00E-03	3.70E-02	MG/L
G32S	shallow	SVOC	2,6-toluene diisocyanate	T	1				1.30E-02	1.30E-02	MG/L
G32S	shallow	SVOC	2,4,5-Trichlorophenol	T	15				1.30E-04	1.50E-02	MG/L
G32S	shallow	SVOC	2,4,6-Trichlorophenol	T	20				1.60E-04	1.50E-02	MG/L
G32S	shallow	PHYS	CARBON	T	1				1.60E+00	1.60E+00	MG/L
G32S	shallow	PHYS	Organic Carbon (Dissolved)	D	11	10	2.10E+01	2.58E+01	1.60E+00	1.60E+00	MG/L
G32S	shallow	PHYS	Organic Carbon (total)	T	19	19	2.40E+00	3.00E+01			MG/L
G32S	shallow	PHYS	Dissolved solids (total)	D	80	80	4.00E+02	4.80E+03			MG/L
G32S	shallow	PHYS	Organic Halides (total)	T	20	9	8.00E-03	3.10E-01	1.00E-02	2.00E-02	MG/L
G32S	shallow	PHYS	Oxidation reduction potential	T	1	1	3.62E+01	3.62E+01			MILLIVOLTS
G32S	shallow	PHYS	Temperature	T	1	1	1.73E+01	1.73E+01			DEG C
G32S	shallow	PEST	Aldicarb	T	8				5.00E-04	1.00E-02	MG/L
G32S	shallow	PEST	gamma-BHC	T	8				9.00E-06	5.00E-05	MG/L
G32S	shallow	PEST	Chlordane (total)	T	8	1	1.60E-05	1.60E-05	1.00E-05	5.00E-04	MG/L
G32S	shallow	PEST	Endrin	T	8				6.00E-06	1.00E-04	MG/L
G32S	shallow	PEST	Heptachlor	T	8				3.00E-06	5.00E-05	MG/L
G32S	shallow	PEST	Heptachlor epoxide	T	8	1	2.40E-06	2.40E-06	1.20E-05	2.40E-04	MG/L
G32S	shallow	PEST	Methoxychlor	T	8	2	1.60E-05	5.90E-05	1.20E-05	5.00E-04	MG/L
G32S	shallow	PEST	Toxaphene	T	8				2.40E-04	1.60E-03	MG/L
G32S	shallow	PCB	PCBs (total)	T	8				4.30E-04	1.00E-03	MG/L
G32S	shallow	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	7				1.30E-02	5.00E-02	MG/L
G32S	shallow	OTHER	2,4-/2,6-Toluene diisocyanate	T	6				1.30E-02	1.50E-02	MG/L
G32S	shallow	OTHER	2-Chloro-1-ethanal	T	7				1.00E-02	1.50E-02	MG/L
G32S	shallow	OTHER	Turbidity	T	1	1	2.61E+00	2.61E+00			NTU
G32S	shallow	INORG	Antimony	T	8	3	7.00E-05	1.20E-04	1.00E-02	1.00E-02	MG/L
G32S	shallow	INORG	Antimony	D	1	1	2.10E-04	2.10E-04			MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G32S	shallow	INORG	Arsenic	T	8	8	3.86E-03	9.00E-03			MG/L
G32S	shallow	INORG	Arsenic	D	20	11	3.65E-03	1.20E-02	2.00E-03	4.30E-03	MG/L
G32S	shallow	INORG	Barium	T	8	8	1.70E-02	5.10E-02			MG/L
G32S	shallow	INORG	Barium	D	1	1	2.39E-02	2.39E-02			MG/L
G32S	shallow	INORG	Beryllium	T	8	3	1.00E-05	3.00E-05	1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Beryllium	D	1	1	2.00E-05	2.00E-05			MG/L
G32S	shallow	INORG	Boron	T	8	8	4.60E-01	6.40E-01			MG/L
G32S	shallow	INORG	Cadmium	T	8	3	1.56E-04	3.20E-04	1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Cadmium	D	20	3	1.35E-04	2.60E-04	2.80E-04	1.00E-03	MG/L
G32S	shallow	INORG	Calcium	T	11	11	3.08E+01	5.41E+01			MG/L
G32S	shallow	INORG	Calcium	D	11	11	2.86E+01	5.83E+01			MG/L
G32S	shallow	INORG	Chromium (total)	T	8	5	4.90E-04	8.00E-03	1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Chromium (total)	D	1	1	7.00E-04	7.00E-04			MG/L
G32S	shallow	INORG	Cobalt	T	8	5	4.15E-04	5.00E-03	1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Cobalt	D	1	1	7.08E-03	7.08E-03			MG/L
G32S	shallow	INORG	Copper	T	8	7	3.00E-04	6.00E-03	1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Copper	D	1	1	1.10E-03	1.10E-03			MG/L
G32S	shallow	INORG	Cyanide (total)	T	20	5	5.00E-03	1.00E-02	2.80E-03	1.00E-02	MG/L
G32S	shallow	INORG	Fluoride	T	20	20	2.40E-01	1.75E+01			MG/L
G32S	shallow	INORG	Fluoride	D	15	15	4.20E+00	1.89E+01			MG/L
G32S	shallow	INORG	Iron	T	21	21	7.51E-02	5.42E+03			MG/L
G32S	shallow	INORG	Iron	D	48	42	2.00E-02	6.53E+00	1.00E-02	4.90E-02	MG/L
G32S	shallow	INORG	Lead	T	8	3	2.40E-05	1.90E-04	2.00E-03	2.00E-03	MG/L
G32S	shallow	INORG	Lead	D	20	3	2.00E-05	1.90E-04	1.70E-03	2.00E-03	MG/L
G32S	shallow	INORG	Manganese	T	20	20	1.30E-01	1.32E+03			MG/L
G32S	shallow	INORG	Manganese	D	49	49	7.70E-02	1.67E+00			MG/L
G32S	shallow	INORG	Mercury	T	8				2.00E-04	2.00E-04	MG/L
G32S	shallow	INORG	Mercury	D	20	2	2.00E-05	1.40E-04	2.90E-05	5.00E-04	MG/L
G32S	shallow	INORG	Nickel	T	8	7	2.00E-03	1.20E-02	1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Nickel	D	1	1	7.50E-03	7.50E-03			MG/L
G32S	shallow	INORG	Nitrate	T	8	1	6.00E-02	6.00E-02	5.00E-02	2.00E-01	MG/L
G32S	shallow	INORG	Selenium	T	8	2	8.00E-04	9.00E-04	1.00E-03	2.00E-03	MG/L
G32S	shallow	INORG	Selenium	D	1				1.00E-03	1.00E-03	MG/L
G32S	shallow	INORG	Silver	T	8	1	2.20E-05	2.20E-05	2.00E-05	1.00E-03	MG/L
G32S	shallow	INORG	Silver	D	1				2.00E-05	2.00E-05	MG/L
G32S	shallow	INORG	Thallium	T	8	2	9.00E-06	1.60E-05	2.00E-05	1.00E-02	MG/L
G32S	shallow	INORG	Thallium	D	1				2.00E-05	2.00E-05	MG/L
G32S	shallow	INORG	Zinc	T	8	8	1.11E-03	3.50E-02			MG/L
G32S	shallow	INORG	Zinc	D	1	1	3.40E-03	3.40E-03			MG/L
G32S	shallow	HERB	Alachlor	T	8				7.50E-05	1.00E-03	MG/L
G32S	shallow	HERB	2,4-D	T	8				1.00E-04	1.00E-03	MG/L
G32S	shallow	HERB	Dalapon	T	8				5.40E-04	3.00E-03	MG/L
G32S	shallow	HERB	Endothall	T	8				5.00E-03	9.00E-03	MG/L
G32S	shallow	HERB	Picloram	T	8				1.00E-04	3.00E-03	MG/L
G32S	shallow	HERB	Simazine	T	8				5.20E-05	5.00E-03	MG/L
G32S	shallow	HERB	2,4,5-TP	T	8				5.00E-05	1.00E-03	MG/L
G41D	deep	WQ	Ammonia	T	1	1	3.18E+00	3.18E+00			MG/L
G41D	deep	WQ	Ammonia	D	18	18	4.51E+00	1.80E+01			MG/L
G41D	deep	WQ	Chloride	T	20	20	1.60E+01	4.70E+01			MG/L
G41D	deep	WQ	Chloride	D	80	80	3.30E+00	4.60E+01			MG/L
G41D	deep	WQ	Dissolved oxygen (total)	D	1	1	1.88E+00	1.88E+00			MG/L
G41D	deep	WQ	pH	T	65	65	5.73E+00	8.37E+00			S.U.
G41D	deep	WQ	Specific Conductivity	T	1	1	1.07E+03	1.07E+03			UMHOS/CM
G41D	deep	WQ	Sulfate	T	20	20	1.68E+02	1.15E+03			MG/L
G41D	deep	WQ	Sulfate	D	80	80	1.00E+01	1.27E+03			MG/L
G41D	deep	VOC	Acetone	T	7	1	5.10E-03	5.10E-03	1.00E-02	2.00E-02	MG/L
G41D	deep	VOC	Benzene	T	7				5.00E-04	2.00E-03	MG/L
G41D	deep	VOC	Bromobenzene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	Bromochloromethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	Bromodichloromethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	Bromoform	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	Bromomethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	2-Butanone	T	7				1.00E-02	2.00E-02	MG/L
G41D	deep	VOC	n-Butylbenzene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	sec-Butylbenzene	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	tert-Butylbenzene	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	Carbon Disulfide	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Carbon Tetrachloride	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Chlorobenzene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Chloroethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	Chloroform	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Chloromethane	T	4				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	2-Chlorotoluene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	4-Chlorotoluene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	Cumene	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	p-Cymene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	1,2-Dibromo-3-chloropropane	T	7				2.00E-03	1.00E-02	MG/L
G41D	deep	VOC	Dibromochloromethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,2-Dibromoethane	T	7				2.00E-03	1.00E-02	MG/L
G41D	deep	VOC	Dibromomethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,2-Dichlorobenzene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	VOC	1,3-Dichlorobenzene	T	1				5.00E-04	5.00E-04	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G41D	deep	VOC	1,4-Dichlorobenzene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	VOC	Dichlorodifluoromethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,1-Dichloroethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,2-Dichloroethane	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,1-Dichloroethene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	cis-1,2-Dichloroethene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	trans-1,2-Dichloroethene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,2-Dichloropropane	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,3-Dichloropropane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	2,2-Dichloropropane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,1-Dichloropropene	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,3-Dichloropropene (total)	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	Ethyl Benzene	T	7				5.00E-04	2.00E-03	MG/L
G41D	deep	VOC	n-Hexane	T	6				5.00E-03	5.00E-03	MG/L
G41D	deep	VOC	2-Hexanone	T	1				2.00E-02	2.00E-02	MG/L
G41D	deep	VOC	Isobutyl Alcohol	T	6				5.00E-02	5.00E-02	MG/L
G41D	deep	VOC	4-Methyl-2-pentanone	T	7				1.00E-02	2.00E-02	MG/L
G41D	deep	VOC	Methylene Chloride	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	n-Propylbenzene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	Styrene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,1,1,2-Tetrachloroethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,1,2,2-Tetrachloroethane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	Tetrachloroethene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Toluene	T	7	1	1.30E-04	1.30E-04	5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,2,3-Trichlorobenzene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	VOC	1,2,4-Trichlorobenzene	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	1,1,1-Trichloroethane	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,1,2-Trichloroethane	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Trichloroethene	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	Trichlorofluoromethane	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	VOC	1,2,3-Trichloropropane	T	1				5.00E-04	5.00E-04	MG/L
G41D	deep	VOC	1,2,4-Trimethylbenzene	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	1,3,5-Trimethylbenzene	T	7				2.00E-03	5.00E-03	MG/L
G41D	deep	VOC	Vinyl Chloride	T	7				5.00E-04	1.00E-02	MG/L
G41D	deep	VOC	Xylenes (total)	T	7				5.00E-04	5.00E-03	MG/L
G41D	deep	SVOC	Acenaphthene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Anthracene	T	4				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Atrazine	T	7				1.00E-04	1.00E-03	MG/L
G41D	deep	SVOC	Benzidine	T	8				1.00E-02	1.20E-01	MG/L
G41D	deep	SVOC	Benzo(a)anthracene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Benzo(a)pyrene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Benzoic Acid	T	8				2.50E-02	5.60E-02	MG/L
G41D	deep	SVOC	bis(2-Ethylhexyl)phthalate	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	7				2.00E-04	3.00E-03	MG/L
G41D	deep	SVOC	Butylbenzylphthalate	T	8				5.00E-03	2.30E-02	MG/L
G41D	deep	SVOC	Carbofuran	T	7				5.00E-04	1.00E-02	MG/L
G41D	deep	SVOC	2-Chlorophenol	T	19				1.40E-04	2.30E-02	MG/L
G41D	deep	SVOC	Chrysene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	2,4-Dichlorophenol	T	19				2.40E-04	2.30E-02	MG/L
G41D	deep	SVOC	2,4-Dimethylphenol	T	19				2.30E-04	2.30E-02	MG/L
G41D	deep	SVOC	Dimethylphthalate	T	4				5.00E-03	2.30E-02	MG/L
G41D	deep	SVOC	Di-n-butylphthalate	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	4,6-Dinitro-2-methylphenol	T	19				2.70E-04	5.60E-02	MG/L
G41D	deep	SVOC	2,4-Dinitrophenol	T	19				1.30E-03	5.60E-02	MG/L
G41D	deep	SVOC	Di-n-octylphthalate	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Fluoranthene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Fluorene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Hexachlorobutadiene	T	1				2.00E-03	2.00E-03	MG/L
G41D	deep	SVOC	Hexachlorocyclopentadiene	T	4				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	2-Methylnaphthalene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Methylphenol (total)	T	17				6.40E-04	2.30E-02	MG/L
G41D	deep	SVOC	Naphthalene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Nitrobenzene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	4-Nitrophenol	T	19				6.30E-04	5.60E-02	MG/L
G41D	deep	SVOC	N-Nitrosodimethylamine	T	8				1.00E-02	5.60E-02	MG/L
G41D	deep	SVOC	N-Nitrosodiphenylamine	T	15				1.80E-04	2.30E-02	MG/L
G41D	deep	SVOC	Pentachlorophenol	T	19				4.80E-04	5.60E-02	MG/L
G41D	deep	SVOC	Phenanthrene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Phenol	T	19				1.40E-04	2.30E-02	MG/L
G41D	deep	SVOC	Phenolics, Recoverable (total)	T	15	1	1.74E+00	1.74E+00	1.00E-02	1.70E-02	MG/L
G41D	deep	SVOC	Phorate	T	8				5.00E-03	5.00E-02	MG/L
G41D	deep	SVOC	Pyrene	T	8				1.00E-02	2.30E-02	MG/L
G41D	deep	SVOC	Pyridine	T	8				5.00E-03	5.60E-02	MG/L
G41D	deep	SVOC	2,4,5-Trichlorophenol	T	15				1.30E-04	2.30E-02	MG/L
G41D	deep	SVOC	2,4,6-Trichlorophenol	T	19				1.60E-04	2.30E-02	MG/L
G41D	deep	PHYS	CARBON	T	1	1	1.07E+01	1.07E+01			MG/L
G41D	deep	PHYS	Organic Carbon (Dissolved)	D	11	11	9.00E+00	1.60E+01			MG/L
G41D	deep	PHYS	Organic Carbon (total)	T	18	18	7.80E+00	1.30E+01			MG/L
G41D	deep	PHYS	Dissolved solids (total)	D	81	81	5.90E+02	2.10E+03			MG/L
G41D	deep	PHYS	Organic Halides (total)	T	19	7	1.00E-02	9.00E-02	1.00E-02	2.00E-02	MG/L
G41D	deep	PHYS	Oxidation reduction potential	T	1	1	-1.09E+02	-1.09E+02			MILLIVOLTS
G41D	deep	PHYS	Temperature	T	1	1	1.34E+01	1.34E+01			DEG C

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G41D	deep	PEST	Aldicarb	T	7				5.00E-04	1.00E-02	MG/L
G41D	deep	PEST	gamma-BHC	T	7				9.00E-06	5.00E-05	MG/L
G41D	deep	PEST	Chlordane (total)	T	7				1.00E-05	5.00E-04	MG/L
G41D	deep	PEST	Endrin	T	7	1	1.60E-06	1.60E-06	6.00E-06	1.00E-04	MG/L
G41D	deep	PEST	Heptachlor	T	7				3.00E-06	5.00E-05	MG/L
G41D	deep	PEST	Heptachlor epoxide	T	7				1.30E-05	2.40E-04	MG/L
G41D	deep	PEST	Methoxychlor	T	7				1.30E-05	5.00E-04	MG/L
G41D	deep	PEST	Toxaphene	T	7				2.40E-04	1.00E-03	MG/L
G41D	deep	PCB	PCBs (total)	T	7				5.00E-04	1.00E-03	MG/L
G41D	deep	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	6				1.00E-02	5.00E-02	MG/L
G41D	deep	OTHER	2,4-/2,6-Toluene diisocyanate	T	6				1.00E-02	2.20E-02	MG/L
G41D	deep	OTHER	2-Chloro-1-ethanal	T	6				1.00E-02	2.20E-02	MG/L
G41D	deep	OTHER	Turbidity	T	1	1	2.14E+01	2.14E+01			NTU
G41D	deep	INORG	Antimony	T	7	2	6.00E-05	7.00E-05	5.00E-05	1.00E-02	MG/L
G41D	deep	INORG	Antimony	D	1				5.00E-05	5.00E-05	MG/L
G41D	deep	INORG	Arsenic	T	7	7	4.00E-03	4.20E-02			MG/L
G41D	deep	INORG	Arsenic	D	19	8	3.00E-03	1.19E-02	2.00E-03	4.30E-03	MG/L
G41D	deep	INORG	Barium	T	7	7	1.15E-02	3.30E-02			MG/L
G41D	deep	INORG	Barium	D	1	1	1.37E-02	1.37E-02			MG/L
G41D	deep	INORG	Beryllium	T	7	4	9.40E-05	2.00E-03	1.00E-03	1.00E-03	MG/L
G41D	deep	INORG	Beryllium	D	1	1	1.10E-04	1.10E-04			MG/L
G41D	deep	INORG	Boron	T	7	7	6.10E-01	7.30E-01			MG/L
G41D	deep	INORG	Cadmium	T	7	3	1.17E-04	3.40E-04	1.00E-03	1.00E-03	MG/L
G41D	deep	INORG	Cadmium	D	19	4	1.47E-04	7.80E-04	2.80E-04	1.00E-03	MG/L
G41D	deep	INORG	Calcium	T	11	11	9.18E+01	1.61E+02			MG/L
G41D	deep	INORG	Calcium	D	11	11	9.26E+01	1.74E+02			MG/L
G41D	deep	INORG	Chromium (total)	T	7	4	7.00E-04	2.00E-03	2.00E-04	1.00E-03	MG/L
G41D	deep	INORG	Chromium (total)	D	1	1	5.00E-04	5.00E-04			MG/L
G41D	deep	INORG	Cobalt	T	7	6	1.00E-03	2.10E-02	1.00E-03	1.00E-03	MG/L
G41D	deep	INORG	Cobalt	D	1	1	2.75E-03	2.75E-03			MG/L
G41D	deep	INORG	Copper	T	7	7	9.70E-04	4.90E-02			MG/L
G41D	deep	INORG	Copper	D	1	1	4.30E-03	4.30E-03			MG/L
G41D	deep	INORG	Cyanide (total)	T	19	2	4.00E-03	9.00E-03	2.50E-03	1.00E-02	MG/L
G41D	deep	INORG	Fluoride	T	19	19	1.68E+00	5.80E+00			MG/L
G41D	deep	INORG	Fluoride	D	15	15	1.90E+00	1.00E+01			MG/L
G41D	deep	INORG	Iron	T	20	20	4.40E+00	4.06E+04			MG/L
G41D	deep	INORG	Iron	D	47	44	4.00E-02	5.95E+01	1.00E-02	4.90E-02	MG/L
G41D	deep	INORG	Lead	T	7	3	6.00E-06	5.98E-04	2.00E-03	2.00E-03	MG/L
G41D	deep	INORG	Lead	D	19	2	1.90E-05	5.70E-05	2.00E-05	2.00E-03	MG/L
G41D	deep	INORG	Manganese	T	19	19	1.58E+00	3.54E+03			MG/L
G41D	deep	INORG	Manganese	D	48	47	6.47E-01	5.09E+00	2.00E-02	2.00E-02	MG/L
G41D	deep	INORG	Mercury	T	7				2.00E-04	2.00E-04	MG/L
G41D	deep	INORG	Mercury	D	19	1	1.40E-04	1.40E-04	2.90E-05	5.00E-04	MG/L
G41D	deep	INORG	Nickel	T	7	7	3.00E-03	6.20E-02			MG/L
G41D	deep	INORG	Nickel	D	1	1	2.78E-02	2.78E-02			MG/L
G41D	deep	INORG	Nitrate	T	7	6	2.90E-02	1.90E-01	2.00E-01	2.00E-01	MG/L
G41D	deep	INORG	Selenium	T	7	2	7.00E-04	1.00E-03	1.00E-03	2.00E-03	MG/L
G41D	deep	INORG	Selenium	D	1				1.00E-03	1.00E-03	MG/L
G41D	deep	INORG	Silver	T	7	1	1.10E-05	1.10E-05	2.00E-05	1.00E-03	MG/L
G41D	deep	INORG	Silver	D	1				2.00E-05	2.00E-05	MG/L
G41D	deep	INORG	Thallium	T	7	4	4.20E-05	2.00E-02	1.00E-02	1.00E-02	MG/L
G41D	deep	INORG	Thallium	D	1	1	3.00E-05	3.00E-05			MG/L
G41D	deep	INORG	Zinc	T	7	7	8.40E-03	1.02E-01			MG/L
G41D	deep	INORG	Zinc	D	1	1	9.00E-03	9.00E-03			MG/L
G41D	deep	HERB	Alachlor	T	7				7.20E-05	1.00E-03	MG/L
G41D	deep	HERB	2,4-D	T	7				1.00E-04	1.00E-03	MG/L
G41D	deep	HERB	Dalapon	T	7				5.40E-04	3.00E-03	MG/L
G41D	deep	HERB	Endothall	T	7				5.00E-03	9.00E-03	MG/L
G41D	deep	HERB	Picloram	T	7				1.00E-04	3.00E-03	MG/L
G41D	deep	HERB	Simazine	T	7				5.00E-05	5.00E-03	MG/L
G41D	deep	HERB	2,4,5-TP	T	7				5.00E-05	1.00E-03	MG/L
G42D	deep	WQ	Ammonia	D	5	5	6.00E+00	7.60E+00			MG/L
G42D	deep	WQ	Chloride	T	9	9	4.60E+01	6.50E+01			MG/L
G42D	deep	WQ	Chloride	D	66	66	5.20E+00	8.30E+01			MG/L
G42D	deep	WQ	pH	T	66	66	5.65E+00	7.79E+00			S.U.
G42D	deep	WQ	Sulfate	T	9	9	1.24E+03	1.53E+03			MG/L
G42D	deep	WQ	Sulfate	D	66	66	1.10E+02	2.20E+03			MG/L
G42D	deep	VOC	Acetone	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	Benzene	T	4				2.00E-03	2.00E-03	MG/L
G42D	deep	VOC	2-Butanone	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	sec-Butylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	tert-Butylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Carbon Disulfide	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Carbon Tetrachloride	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Chlorobenzene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Chloroform	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Cumene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,2-Dibromo-3-chloropropane	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	1,2-Dibromoethane	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	1,2-Dichlorobenzene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	1,4-Dichlorobenzene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	1,2-Dichloroethane	T	4				5.00E-03	5.00E-03	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G42D	deep	VOC	1,1-Dichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	cis-1,2-Dichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	trans-1,2-Dichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,2-Dichloropropane	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Ethyl Benzene	T	4				2.00E-03	2.00E-03	MG/L
G42D	deep	VOC	n-Hexane	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Isobutyl Alcohol	T	4				5.00E-02	5.00E-02	MG/L
G42D	deep	VOC	4-Methyl-2-pentanone	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	Methylene Chloride	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Styrene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Tetrachloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Toluene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,2,4-Trichlorobenzene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,1,1-Trichloroethane	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,1,2-Trichloroethane	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Trichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Trichlorofluoromethane	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,2,4-Trimethylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	1,3,5-Trimethylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	VOC	Vinyl Chloride	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	VOC	Xylenes (total)	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	SVOC	Acenaphthene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Atrazine	T	4				5.00E-04	1.00E-03	MG/L
G42D	deep	SVOC	Benzidine	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Benzo(a)anthracene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Benzo(a)pyrene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Benzoic Acid	T	5				5.00E-02	5.00E-02	MG/L
G42D	deep	SVOC	bis(2-Ethylhexyl)phthalate	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	4				3.00E-03	3.00E-03	MG/L
G42D	deep	SVOC	Butylbenzylphthalate	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Carbofuran	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	2-Chlorophenol	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Chrysene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	2,4-Dichlorophenol	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	2,4-Dimethylphenol	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Di-n-butylphthalate	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	4,6-Dinitro-2-methylphenol	T	5				5.00E-02	5.00E-02	MG/L
G42D	deep	SVOC	2,4-Dinitrophenol	T	5				5.00E-02	5.00E-02	MG/L
G42D	deep	SVOC	Di-n-octylphthalate	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Fluoranthene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Fluorene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	2-Methylnaphthalene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Methylphenol (total)	T	2				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Naphthalene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Nitrobenzene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	4-Nitrophenol	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	N-Nitrosodimethylamine	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Pentachlorophenol	T	5				5.00E-03	5.00E-02	MG/L
G42D	deep	SVOC	Phenanthrene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Phenol	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Phenolics, Recoverable (total)	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Phorate	T	5				5.00E-03	5.00E-02	MG/L
G42D	deep	SVOC	Pyrene	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	Pyridine	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	SVOC	2,4,6-Trichlorophenol	T	5				1.00E-02	1.00E-02	MG/L
G42D	deep	PHYS	Organic Carbon (total)	T	5	5	7.30E+00	2.10E+01			MG/L
G42D	deep	PHYS	Dissolved solids (total)	D	67	67	1.45E+03	3.19E+03			MG/L
G42D	deep	PHYS	Organic Halides (total)	T	5	1	5.20E-02	5.20E-02	2.00E-02	2.00E-02	MG/L
G42D	deep	PEST	Aldicarb	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	PEST	gamma-BHC	T	4				9.00E-06	5.00E-05	MG/L
G42D	deep	PEST	Chlordane (total)	T	4				1.00E-05	5.00E-04	MG/L
G42D	deep	PEST	Endrin	T	4				6.00E-06	1.00E-04	MG/L
G42D	deep	PEST	Heptachlor	T	4				3.00E-06	5.00E-05	MG/L
G42D	deep	PEST	Heptachlor epoxide	T	4				5.00E-05	2.40E-04	MG/L
G42D	deep	PEST	Methoxychlor	T	4				2.40E-04	5.00E-04	MG/L
G42D	deep	PEST	Toxaphene	T	4				2.40E-04	1.00E-03	MG/L
G42D	deep	PCB	PCBs (total)	T	4				1.00E-03	1.00E-03	MG/L
G42D	deep	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	4				5.00E-02	5.00E-02	MG/L
G42D	deep	OTHER	2,4-/2,6-Toluene diisocyanate	T	4						MG/L
G42D	deep	OTHER	2-Chloro-1-ethanal	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	INORG	Antimony	T	4				1.00E-02	1.00E-02	MG/L
G42D	deep	INORG	Arsenic	T	4	4	1.00E-02	1.20E-02			MG/L
G42D	deep	INORG	Arsenic	D	5	5	4.00E-03	2.50E-02			MG/L
G42D	deep	INORG	Barium	T	4	4	1.50E-02	2.70E-02			MG/L
G42D	deep	INORG	Beryllium	T	4				1.00E-03	1.00E-03	MG/L
G42D	deep	INORG	Boron	T	4	4	5.60E-01	6.30E-01			MG/L
G42D	deep	INORG	Cadmium	T	4	1	5.00E-03	5.00E-03	1.00E-03	1.00E-03	MG/L
G42D	deep	INORG	Cadmium	D	5	1	5.00E-03	5.00E-03	1.00E-03	2.00E-03	MG/L
G42D	deep	INORG	Chromium (total)	T	4	3	3.00E-03	1.60E-02	1.00E-03	1.00E-03	MG/L
G42D	deep	INORG	Cobalt	T	4	4	5.00E-03	6.00E-03			MG/L
G42D	deep	INORG	Copper	T	4				1.00E-03	1.00E-03	MG/L
G42D	deep	INORG	Cyanide (total)	T	5				5.00E-03	5.00E-03	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G42D	deep	INORG	Fluoride	T	8	1	2.10E-01	2.10E-01	5.00E-01	5.00E-01	MG/L
G42D	deep	INORG	Fluoride	D	4	4	2.00E-01	3.00E-01			MG/L
G42D	deep	INORG	Iron	T	9	9	8.46E+01	1.05E+04			MG/L
G42D	deep	INORG	Iron	D	33	32	5.40E+01	1.25E+02	1.41E+01	1.41E+01	MG/L
G42D	deep	INORG	Lead	T	4	2	7.00E-03	7.00E-03	2.00E-03	2.00E-03	MG/L
G42D	deep	INORG	Lead	D	5				2.00E-03	4.00E-03	MG/L
G42D	deep	INORG	Manganese	T	8	8	3.96E+00	4.13E+02			MG/L
G42D	deep	INORG	Manganese	D	34	34	3.84E+00	5.34E+00			MG/L
G42D	deep	INORG	Mercury	T	4				2.00E-04	2.00E-04	MG/L
G42D	deep	INORG	Mercury	D	5				2.00E-04	5.00E-04	MG/L
G42D	deep	INORG	Nickel	T	4	4	6.00E-03	1.00E-02			MG/L
G42D	deep	INORG	Nitrate	T	4	4	1.20E-01	1.90E-01			MG/L
G42D	deep	INORG	Selenium	T	4				2.00E-03	2.00E-03	MG/L
G42D	deep	INORG	Silver	T	4				1.00E-03	1.00E-03	MG/L
G42D	deep	INORG	Thallium	T	4	1	2.00E-02	2.00E-02	1.00E-02	1.00E-02	MG/L
G42D	deep	INORG	Zinc	T	4	3	1.40E-02	2.90E-02	5.00E-03	5.00E-03	MG/L
G42D	deep	HERB	Alachlor	T	4				5.00E-04	1.00E-03	MG/L
G42D	deep	HERB	2,4-D	T	4				1.00E-03	1.00E-03	MG/L
G42D	deep	HERB	Dalapon	T	4				3.00E-03	3.00E-03	MG/L
G42D	deep	HERB	Endothall	T	4				9.00E-03	9.00E-03	MG/L
G42D	deep	HERB	Picloram	T	4				3.00E-03	3.00E-03	MG/L
G42D	deep	HERB	Simazine	T	4				5.00E-03	5.00E-03	MG/L
G42D	deep	HERB	2,4,5-TP	T	4				1.00E-03	1.00E-03	MG/L
G42DR	deep	WQ	Ammonia	T	1	1	4.01E-01	4.01E-01			MG/L
G42DR	deep	WQ	Ammonia	D	11	10	3.00E-01	2.74E+00	6.00E-02	6.00E-02	MG/L
G42DR	deep	WQ	Chloride	T	11	11	2.94E+01	5.70E+01			MG/L
G42DR	deep	WQ	Chloride	D	12	12	2.98E+01	7.00E+01			MG/L
G42DR	deep	WQ	Dissolved oxygen (total)	D	1	1	2.91E+00	2.91E+00			MG/L
G42DR	deep	WQ	pH	T	1	1	6.31E+00	6.31E+00			S.U.
G42DR	deep	WQ	Specific Conductivity	T	1	1	1.41E+03	1.41E+03			UMHOS/CM
G42DR	deep	WQ	Sulfate	T	11	11	6.70E+02	1.23E+03			MG/L
G42DR	deep	WQ	Sulfate	D	12	12	4.12E+02	1.31E+03			MG/L
G42DR	deep	VOC	Acetone	T	4				1.00E-02	1.00E-02	MG/L
G42DR	deep	VOC	Benzene	T	4				2.00E-03	2.00E-03	MG/L
G42DR	deep	VOC	2-Butanone	T	4				1.00E-02	1.00E-02	MG/L
G42DR	deep	VOC	sec-Butylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	tert-Butylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Carbon Disulfide	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Carbon Tetrachloride	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Chlorobenzene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Chloroform	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Chloromethane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Cumene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,2-Dibromo-3-chloropropane	T	4				1.00E-02	1.00E-02	MG/L
G42DR	deep	VOC	1,2-Dibromoethane	T	4				1.00E-02	1.00E-02	MG/L
G42DR	deep	VOC	1,2-Dichlorobenzene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	VOC	1,4-Dichlorobenzene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	VOC	1,2-Dichloroethane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,1-Dichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	cis-1,2-Dichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	trans-1,2-Dichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,2-Dichloropropane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Ethyl Benzene	T	4				2.00E-03	2.00E-03	MG/L
G42DR	deep	VOC	n-Hexane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Isobutyl Alcohol	T	4				5.00E-02	5.00E-02	MG/L
G42DR	deep	VOC	4-Methyl-2-pentanone	T	4				1.00E-02	1.00E-02	MG/L
G42DR	deep	VOC	Methylene Chloride	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Styrene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Tetrachloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Toluene	T	4	1	2.80E-04	2.80E-04	5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,2,4-Trichlorobenzene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,1,1-Trichloroethane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,1,2-Trichloroethane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Trichloroethene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Trichlorofluoromethane	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,2,4-Trimethylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	1,3,5-Trimethylbenzene	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	VOC	Vinyl Chloride	T	4				1.00E-02	1.00E-02	MG/L
G42DR	deep	VOC	Xylenes (total)	T	4				5.00E-03	5.00E-03	MG/L
G42DR	deep	SVOC	Acenaphthene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Anthracene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Atrazine	T	4				1.00E-04	1.00E-03	MG/L
G42DR	deep	SVOC	Benidine	T	4				1.00E-02	6.40E-02	MG/L
G42DR	deep	SVOC	Benzo(a)anthracene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Benzo(a)pyrene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Benzoic Acid	T	4				2.70E-02	5.00E-02	MG/L
G42DR	deep	SVOC	bis(2-Ethylhexyl)phthalate	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	4				2.00E-04	3.00E-03	MG/L
G42DR	deep	SVOC	Butylbenzylphthalate	T	4				5.00E-03	1.30E-02	MG/L
G42DR	deep	SVOC	Carbofuran	T	4				5.00E-04	1.00E-02	MG/L
G42DR	deep	SVOC	2-Chlorophenol	T	12				1.40E-04	1.30E-02	MG/L
G42DR	deep	SVOC	Chrysene	T	4				1.00E-02	1.30E-02	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G42DR	deep	SVOC	2,4-Dichlorophenol	T	12				2.40E-04	1.30E-02	MG/L
G42DR	deep	SVOC	2,4-Dimethylphenol	T	12				2.30E-04	1.30E-02	MG/L
G42DR	deep	SVOC	Dimethylphthalate	T	4				5.00E-03	1.30E-02	MG/L
G42DR	deep	SVOC	Di-n-butylphthalate	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	4,6-Dinitro-2-methylphenol	T	12				2.70E-04	5.00E-02	MG/L
G42DR	deep	SVOC	2,4-Dinitrophenol	T	12				1.30E-03	5.00E-02	MG/L
G42DR	deep	SVOC	Di-n-octylphthalate	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Fluoranthene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Fluorene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Hexachlorocyclopentadiene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	2-Methylnaphthalene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Methylphenol (total)	T	12				6.40E-04	1.30E-02	MG/L
G42DR	deep	SVOC	Naphthalene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Nitrobenzene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	4-Nitrophenol	T	12				6.30E-04	3.20E-02	MG/L
G42DR	deep	SVOC	N-Nitrosodimethylamine	T	4				1.00E-02	3.20E-02	MG/L
G42DR	deep	SVOC	N-Nitrosodiphenylamine	T	12				1.80E-04	1.30E-02	MG/L
G42DR	deep	SVOC	Pentachlorophenol	T	12				4.80E-04	3.20E-02	MG/L
G42DR	deep	SVOC	Phenanthrene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Phenol	T	12				1.40E-04	1.30E-02	MG/L
G42DR	deep	SVOC	Phenolics, Recoverable (total)	T	9	1	1.03E+00	1.03E+00	1.00E-02	1.70E-02	MG/L
G42DR	deep	SVOC	Phorate	T	4				5.00E-03	1.30E-02	MG/L
G42DR	deep	SVOC	Pyrene	T	4				1.00E-02	1.30E-02	MG/L
G42DR	deep	SVOC	Pyridine	T	4				5.00E-03	3.20E-02	MG/L
G42DR	deep	SVOC	2,4,5-Trichlorophenol	T	12				1.30E-04	1.30E-02	MG/L
G42DR	deep	SVOC	2,4,6-Trichlorophenol	T	12				1.60E-04	1.30E-02	MG/L
G42DR	deep	PHYS	CARBON	T	1	1	3.38E+00	3.38E+00			MG/L
G42DR	deep	PHYS	Organic Carbon (Dissolved)	D	10	10	3.99E+00	1.00E+01			MG/L
G42DR	deep	PHYS	Organic Carbon (total)	T	11	11	5.90E+00	8.50E+00			MG/L
G42DR	deep	PHYS	Dissolved solids (total)	D	12	12	1.44E+03	2.40E+03			MG/L
G42DR	deep	PHYS	Organic Halides (total)	T	12	1	4.40E-02	4.40E-02	1.00E-02	1.80E-02	MG/L
G42DR	deep	PHYS	Oxidation reduction potential	T	1	1	7.71E+01	7.71E+01			MILLIVOLTS
G42DR	deep	PHYS	Temperature	T	1	1	1.44E+01	1.44E+01			DEG C
G42DR	deep	PEST	Aldicarb	T	4				5.00E-04	1.00E-02	MG/L
G42DR	deep	PEST	gamma-BHC	T	4				1.10E-05	5.00E-05	MG/L
G42DR	deep	PEST	Chlordane (total)	T	4				1.10E-05	5.00E-04	MG/L
G42DR	deep	PEST	Endrin	T	4				1.10E-05	1.00E-04	MG/L
G42DR	deep	PEST	Heptachlor	T	4				1.10E-05	5.00E-05	MG/L
G42DR	deep	PEST	Heptachlor epoxide	T	4				1.10E-05	5.00E-05	MG/L
G42DR	deep	PEST	Methoxychlor	T	4	1	4.00E-06	4.00E-06	1.30E-05	5.00E-04	MG/L
G42DR	deep	PEST	Toxaphene	T	4				5.30E-04	1.00E-03	MG/L
G42DR	deep	PCB	PCBs (total)	T	4				4.30E-04	1.00E-03	MG/L
G42DR	deep	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	3				1.10E-02	1.30E-02	MG/L
G42DR	deep	OTHER	2,4-/2,6-Toluene diisocyanate	T	3				1.10E-02	1.30E-02	MG/L
G42DR	deep	OTHER	2-Chloro-1-ethanal	T	3				1.10E-02	1.30E-02	MG/L
G42DR	deep	OTHER	Turbidity	T	1	1	6.95E+00	6.95E+00			NTU
G42DR	deep	INORG	Antimony	T	4	1	4.00E-05	4.00E-05	5.00E-05	1.00E-02	MG/L
G42DR	deep	INORG	Arsenic	T	4	4	1.76E-03	4.00E-03			MG/L
G42DR	deep	INORG	Arsenic	D	12	4	1.71E-03	5.00E-03	2.00E-03	4.30E-03	MG/L
G42DR	deep	INORG	Barium	T	4	4	3.14E-02	4.90E-02			MG/L
G42DR	deep	INORG	Beryllium	T	4	1	3.50E-05	3.50E-05	2.00E-05	1.00E-03	MG/L
G42DR	deep	INORG	Boron	T	4	4	6.27E-01	7.40E-01			MG/L
G42DR	deep	INORG	Cadmium	T	4	3	6.30E-05	1.60E-04	1.00E-03	1.00E-03	MG/L
G42DR	deep	INORG	Cadmium	D	12	4	3.70E-05	7.30E-04	2.80E-04	1.00E-03	MG/L
G42DR	deep	INORG	Calcium	T	10	10	2.08E+02	3.86E+02			MG/L
G42DR	deep	INORG	Calcium	D	10	10	1.68E+02	3.88E+02			MG/L
G42DR	deep	INORG	Chromium (total)	T	4	4	4.00E-04	4.00E-03			MG/L
G42DR	deep	INORG	Cobalt	T	4	4	1.19E-03	5.00E-03			MG/L
G42DR	deep	INORG	Copper	T	4	4	1.20E-03	3.00E-03			MG/L
G42DR	deep	INORG	Cyanide (total)	T	12				2.50E-03	1.00E-02	MG/L
G42DR	deep	INORG	Fluoride	T	11	7	4.60E-01	7.50E-01	2.60E-02	3.70E-02	MG/L
G42DR	deep	INORG	Fluoride	D	10	4	4.00E-01	8.90E-01	2.60E-02	2.00E+00	MG/L
G42DR	deep	INORG	Iron	T	11	11	1.75E+01	5.93E+01			MG/L
G42DR	deep	INORG	Iron	D	12	12	2.05E+01	6.00E+01			MG/L
G42DR	deep	INORG	Lead	T	4	4	1.08E-04	5.00E-03			MG/L
G42DR	deep	INORG	Lead	D	12	2	1.40E-05	5.60E-03	2.00E-05	2.00E-03	MG/L
G42DR	deep	INORG	Manganese	T	11	11	9.47E-01	3.85E+00			MG/L
G42DR	deep	INORG	Manganese	D	12	12	8.40E-01	4.71E+00			MG/L
G42DR	deep	INORG	Mercury	T	4	1	2.00E-05	2.00E-05	2.00E-04	2.00E-04	MG/L
G42DR	deep	INORG	Mercury	D	12				2.90E-05	2.00E-04	MG/L
G42DR	deep	INORG	Nickel	T	4	4	9.05E-03	1.43E-01			MG/L
G42DR	deep	INORG	Nitrate	T	4	3	8.00E-02	3.70E-01	2.00E-01	2.00E-01	MG/L
G42DR	deep	INORG	Selenium	T	4	2	1.30E-03	1.40E-03	2.00E-03	5.00E-03	MG/L
G42DR	deep	INORG	Silver	T	4	1	2.30E-05	2.30E-05	2.00E-05	1.00E-03	MG/L
G42DR	deep	INORG	Thallium	T	4	2	1.10E-05	4.90E-05	2.00E-05	1.00E-02	MG/L
G42DR	deep	INORG	Zinc	T	4	4	2.44E-03	4.00E-02			MG/L
G42DR	deep	HERB	Alachlor	T	4				7.20E-05	1.00E-03	MG/L
G42DR	deep	HERB	2,4-D	T	4				1.00E-04	1.00E-03	MG/L
G42DR	deep	HERB	Dalapon	T	4				5.40E-04	3.00E-03	MG/L
G42DR	deep	HERB	Endothall	T	4				5.00E-03	9.00E-03	MG/L
G42DR	deep	HERB	Picloram	T	4				1.00E-04	3.00E-03	MG/L
G42DR	deep	HERB	Simazine	T	4				5.00E-05	5.00E-03	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G42DR	deep	HERB	2,4,5-TP	T	4				5.00E-05	1.00E-03	MG/L
G43D	shallow	WQ	Ammonia	T	1	1	3.35E+00	3.35E+00			MG/L
G43D	shallow	WQ	Ammonia	D	4	4	2.60E+00	3.70E+00			MG/L
G43D	shallow	WQ	Chloride	T	5	5	7.42E+01	1.60E+02			MG/L
G43D	shallow	WQ	Chloride	D	5	5	8.24E+01	1.70E+02			MG/L
G43D	shallow	WQ	Dissolved oxygen (total)	D	1	1	2.88E+00	2.88E+00			MG/L
G43D	shallow	WQ	pH	T	1	1	6.82E+00	6.82E+00			S.U.
G43D	shallow	WQ	Specific Conductivity	T	1	1	1.36E+03	1.36E+03			UMHOS/CM
G43D	shallow	WQ	Sulfate	T	5	5	5.49E+01	4.37E+02			MG/L
G43D	shallow	WQ	Sulfate	D	5	5	7.50E+01	2.90E+02			MG/L
G43D	shallow	VOC	Acetone	T	2				1.00E-02	1.00E-02	MG/L
G43D	shallow	VOC	Benzene	T	2				2.00E-03	2.00E-03	MG/L
G43D	shallow	VOC	2-Butanone	T	2				1.00E-02	1.00E-02	MG/L
G43D	shallow	VOC	sec-Butylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	tert-Butylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Carbon Disulfide	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Carbon Tetrachloride	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Chlorobenzene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Chloroform	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Chloromethane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Cumene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,2-Dibromo-3-chloropropane	T	2				1.00E-02	1.00E-02	MG/L
G43D	shallow	VOC	1,2-Dibromoethane	T	2				1.00E-02	1.00E-02	MG/L
G43D	shallow	VOC	1,2-Dichlorobenzene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	VOC	1,4-Dichlorobenzene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	VOC	1,2-Dichloroethane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,1-Dichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	cis-1,2-Dichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	trans-1,2-Dichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,2-Dichloropropane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Ethyl Benzene	T	2				2.00E-03	2.00E-03	MG/L
G43D	shallow	VOC	n-Hexane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Isobutyl Alcohol	T	2				5.00E-02	5.00E-02	MG/L
G43D	shallow	VOC	4-Methyl-2-pentanone	T	2				1.00E-02	1.00E-02	MG/L
G43D	shallow	VOC	Methylene Chloride	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Styrene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Tetrachloroethene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Toluene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,2,4-Trichlorobenzene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,1,1-Trichloroethane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,1,2-Trichloroethane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Trichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Trichlorofluoromethane	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,2,4-Trimethylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	1,3,5-Trimethylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	VOC	Vinyl Chloride	T	2				1.00E-02	1.00E-02	MG/L
G43D	shallow	VOC	Xylenes (total)	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	SVOC	Acenaphthene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Anthracene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Atrazine	T	2				9.90E-05	1.10E-04	MG/L
G43D	shallow	SVOC	Benididine	T	2				4.80E-02	5.30E-02	MG/L
G43D	shallow	SVOC	Benzo(a)anthracene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Benzo(a)pyrene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Benzoic Acid	T	2				2.40E-02	2.70E-02	MG/L
G43D	shallow	SVOC	bis(2-Ethylhexyl)phthalate	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	2				2.00E-04	2.00E-04	MG/L
G43D	shallow	SVOC	Butylbenzylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Carbofuran	T	2				5.00E-04	5.00E-04	MG/L
G43D	shallow	SVOC	2-Chlorophenol	T	5				1.10E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Chrysene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	2,4-Dichlorophenol	T	5				1.10E-03	1.10E-02	MG/L
G43D	shallow	SVOC	2,4-Dimethylphenol	T	5				5.60E-04	1.10E-02	MG/L
G43D	shallow	SVOC	Dimethylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Di-n-butylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	4,6-Dinitro-2-methylphenol	T	5				2.70E-04	2.70E-02	MG/L
G43D	shallow	SVOC	2,4-Dinitrophenol	T	5				3.50E-03	2.70E-02	MG/L
G43D	shallow	SVOC	Di-n-octylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Fluoranthene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Fluorene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Hexachlorocyclopentadiene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	2-Methylnaphthalene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Methylphenol (total)	T	5				6.40E-04	1.10E-02	MG/L
G43D	shallow	SVOC	Naphthalene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Nitrobenzene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	4-Nitrophenol	T	5				6.30E-04	2.70E-02	MG/L
G43D	shallow	SVOC	N-Nitrosodimethylamine	T	2				2.40E-02	2.70E-02	MG/L
G43D	shallow	SVOC	N-Nitrosodiphenylamine	T	5				4.60E-04	1.10E-02	MG/L
G43D	shallow	SVOC	Pentachlorophenol	T	5				4.80E-04	2.70E-02	MG/L
G43D	shallow	SVOC	Phenanthrene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Phenol	T	5				9.60E-04	1.10E-02	MG/L
G43D	shallow	SVOC	Phenolics, Recoverable (total)	T	3	1	7.18E-01	7.18E-01	1.70E-02	1.70E-02	MG/L
G43D	shallow	SVOC	Phorate	T	2				9.50E-03	1.10E-02	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G43D	shallow	SVOC	Pyrene	T	2				9.60E-03	1.10E-02	MG/L
G43D	shallow	SVOC	Pyridine	T	2				2.40E-02	2.70E-02	MG/L
G43D	shallow	SVOC	2,4,5-Trichlorophenol	T	5				9.60E-04	1.10E-02	MG/L
G43D	shallow	SVOC	2,4,6-Trichlorophenol	T	5				1.30E-03	1.10E-02	MG/L
G43D	shallow	PHYS	CARBON	T	1	1	1.04E+01	1.04E+01			MG/L
G43D	shallow	PHYS	Organic Carbon (Dissolved)	D	5	5	7.36E+00	1.40E+01			MG/L
G43D	shallow	PHYS	Organic Carbon (total)	T	4	4	1.15E+01	1.40E+01			MG/L
G43D	shallow	PHYS	Dissolved solids (total)	D	5	5	9.00E+02	1.02E+03			MG/L
G43D	shallow	PHYS	Organic Halides (total)	T	5	2	5.00E-03	2.02E-02	1.00E-02	1.80E-02	MG/L
G43D	shallow	PHYS	Oxidation reduction potential	T	1	1	1.10E+02	1.10E+02			MILLIVOLTS
G43D	shallow	PHYS	Temperature	T	1	1	1.63E+01	1.63E+01			DEG C
G43D	shallow	PEST	Aldicarb	T	2				5.00E-04	5.00E-04	MG/L
G43D	shallow	PEST	gamma-BHC	T	2				9.60E-06	1.20E-05	MG/L
G43D	shallow	PEST	Chlordane (total)	T	2				9.60E-06	1.20E-05	MG/L
G43D	shallow	PEST	Endrin	T	2				9.60E-06	1.20E-05	MG/L
G43D	shallow	PEST	Heptachlor	T	2				9.60E-06	1.20E-05	MG/L
G43D	shallow	PEST	Heptachlor epoxide	T	2				9.60E-06	1.20E-05	MG/L
G43D	shallow	PEST	Methoxychlor	T	2				9.60E-06	1.20E-05	MG/L
G43D	shallow	PEST	Toxaphene	T	2				4.80E-04	5.80E-04	MG/L
G43D	shallow	PCB	PCBs (total)	T	2				3.90E-04	4.60E-04	MG/L
G43D	shallow	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	2				9.50E-03	1.10E-02	MG/L
G43D	shallow	OTHER	2,4-/2,6-Toluene diisocyanate	T	2				9.50E-03	1.10E-02	MG/L
G43D	shallow	OTHER	2-Chloro-1-ethanal	T	2				9.50E-03	1.10E-02	MG/L
G43D	shallow	OTHER	Turbidity	T	1	1	1.56E+01	1.56E+01			NTU
G43D	shallow	INORG	Antimony	T	2	2	4.00E-05	7.00E-05			MG/L
G43D	shallow	INORG	Arsenic	T	2	2	3.42E-03	4.04E-03			MG/L
G43D	shallow	INORG	Arsenic	D	5	3	3.10E-03	9.30E-03	4.30E-03	4.30E-03	MG/L
G43D	shallow	INORG	Barium	T	2	2	9.35E-02	1.02E-01			MG/L
G43D	shallow	INORG	Beryllium	T	2	2	1.10E-05	1.06E-04			MG/L
G43D	shallow	INORG	Boron	T	2	2	1.48E-01	1.59E-01			MG/L
G43D	shallow	INORG	Cadmium	T	2	2	5.10E-05	9.00E-05			MG/L
G43D	shallow	INORG	Cadmium	D	5	2	4.40E-05	7.00E-05	4.20E-04	5.00E-04	MG/L
G43D	shallow	INORG	Calcium	T	5	5	1.15E+02	1.51E+02			MG/L
G43D	shallow	INORG	Calcium	D	5	5	1.09E+02	1.49E+02			MG/L
G43D	shallow	INORG	Chromium (total)	T	2	2	6.50E-04	1.08E-03			MG/L
G43D	shallow	INORG	Cobalt	T	2	2	5.57E-03	6.08E-03			MG/L
G43D	shallow	INORG	Copper	T	2	2	8.20E-04	1.50E-03			MG/L
G43D	shallow	INORG	Cyanide (total)	T	5	2	2.00E-03	3.10E-02	2.50E-03	1.00E-02	MG/L
G43D	shallow	INORG	Fluoride	T	5	4	3.30E-01	5.80E-01	2.00E-01	2.00E-01	MG/L
G43D	shallow	INORG	Fluoride	D	5	4	3.00E-01	5.90E-01	4.00E-01	4.00E-01	MG/L
G43D	shallow	INORG	Iron	T	5	5	3.90E+00	5.87E+00			MG/L
G43D	shallow	INORG	Iron	D	5	5	3.53E+00	4.90E+00			MG/L
G43D	shallow	INORG	Lead	T	2	2	9.70E-05	3.26E-04			MG/L
G43D	shallow	INORG	Lead	D	5	2	1.40E-05	1.80E-05	1.70E-03	1.90E-03	MG/L
G43D	shallow	INORG	Manganese	T	5	5	4.39E+00	4.81E+00			MG/L
G43D	shallow	INORG	Manganese	D	5	5	4.30E+00	4.98E+00			MG/L
G43D	shallow	INORG	Mercury	T	2				2.00E-04	2.00E-04	MG/L
G43D	shallow	INORG	Mercury	D	5	1	2.00E-05	2.00E-05	9.00E-05	2.00E-04	MG/L
G43D	shallow	INORG	Nickel	T	2	2	9.56E-03	1.01E-02			MG/L
G43D	shallow	INORG	Nitrate	T	2	1	1.72E+00	1.72E+00	5.00E-02	5.00E-02	MG/L
G43D	shallow	INORG	Selenium	T	2	1	1.40E-03	1.40E-03	5.00E-03	5.00E-03	MG/L
G43D	shallow	INORG	Silver	T	2				2.00E-05	2.00E-05	MG/L
G43D	shallow	INORG	Thallium	T	2	2	3.50E-05	5.10E-05			MG/L
G43D	shallow	INORG	Zinc	T	2	2	2.24E-03	5.90E-03			MG/L
G43D	shallow	HERB	Alachlor	T	2				7.10E-05	7.90E-05	MG/L
G43D	shallow	HERB	2,4-D	T	2				1.00E-04	1.00E-04	MG/L
G43D	shallow	HERB	Dalapon	T	2				5.40E-04	5.40E-04	MG/L
G43D	shallow	HERB	Endothall	T	2				5.00E-03	5.00E-03	MG/L
G43D	shallow	HERB	Picloram	T	2				1.00E-04	1.00E-04	MG/L
G43D	shallow	HERB	Simazine	T	2				5.00E-05	5.50E-05	MG/L
G43D	shallow	HERB	2,4,5-TP	T	2				5.00E-05	5.00E-05	MG/L
G44D	shallow	WQ	Ammonia	T	1	1	1.27E+00	1.27E+00			MG/L
G44D	shallow	WQ	Ammonia	D	4	4	1.10E+00	1.80E+00			MG/L
G44D	shallow	WQ	Chloride	T	5	5	3.17E+01	7.50E+01			MG/L
G44D	shallow	WQ	Chloride	D	5	5	3.66E+01	7.60E+01			MG/L
G44D	shallow	WQ	Dissolved oxygen (total)	D	1	1	3.18E+00	3.18E+00			MG/L
G44D	shallow	WQ	pH	T	1	1	6.71E+00	6.71E+00			S.U.
G44D	shallow	WQ	Specific Conductivity	T	1	1	9.77E+02	9.77E+02			UMHOS/CM
G44D	shallow	WQ	Sulfate	T	5	5	1.15E+02	1.60E+02			MG/L
G44D	shallow	WQ	Sulfate	D	5	5	1.24E+02	1.58E+02			MG/L
G44D	shallow	VOC	Acetone	T	2				1.00E-02	1.00E-02	MG/L
G44D	shallow	VOC	Benzene	T	2				2.00E-03	2.00E-03	MG/L
G44D	shallow	VOC	2-Butanone	T	2				1.00E-02	1.00E-02	MG/L
G44D	shallow	VOC	sec-Butylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	tert-Butylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Carbon Disulfide	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Carbon Tetrachloride	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Chlorobenzene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Chloroform	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Chloromethane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Cumene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,2-Dibromo-3-chloropropane	T	2				1.00E-02	1.00E-02	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G44D	shallow	VOC	1,2-Dibromoethane	T	2				1.00E-02	1.00E-02	MG/L
G44D	shallow	VOC	1,2-Dichlorobenzene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	VOC	1,4-Dichlorobenzene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	VOC	1,2-Dichloroethane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,1-Dichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	cis-1,2-Dichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	trans-1,2-Dichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,2-Dichloropropane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Ethyl Benzene	T	2				2.00E-03	2.00E-03	MG/L
G44D	shallow	VOC	n-Hexane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Isobutyl Alcohol	T	2				5.00E-02	5.00E-02	MG/L
G44D	shallow	VOC	4-Methyl-2-pentanone	T	2				1.00E-02	1.00E-02	MG/L
G44D	shallow	VOC	Methylene Chloride	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Styrene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Tetrachloroethene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Toluene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,2,4-Trichlorobenzene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,1,1-Trichloroethane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,1,2-Trichloroethane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Trichloroethene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Trichlorofluoromethane	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,2,4-Trimethylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	1,3,5-Trimethylbenzene	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	VOC	Vinyl Chloride	T	2				1.00E-02	1.00E-02	MG/L
G44D	shallow	VOC	Xylenes (total)	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	SVOC	Acenaphthene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Anthracene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Atrazine	T	2				9.90E-05	1.10E-04	MG/L
G44D	shallow	SVOC	Benzidine	T	2				4.80E-02	5.20E-02	MG/L
G44D	shallow	SVOC	Benzo(a)anthracene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Benzo(a)pyrene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Benzoic Acid	T	2				2.40E-02	2.60E-02	MG/L
G44D	shallow	SVOC	bis(2-Ethylhexyl)phthalate	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	2-sec-Butyl-4,6-dinitrophenol	T	2				2.00E-04	2.00E-04	MG/L
G44D	shallow	SVOC	Butylbenzylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Carbofuran	T	2				5.00E-04	5.00E-04	MG/L
G44D	shallow	SVOC	2-Chlorophenol	T	5				1.10E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Chrysene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	2,4-Dichlorophenol	T	5				1.10E-03	1.10E-02	MG/L
G44D	shallow	SVOC	2,4-Dimethylphenol	T	5				5.60E-04	1.10E-02	MG/L
G44D	shallow	SVOC	Dimethylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Di-n-butylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	4,6-Dinitro-2-methylphenol	T	5				2.70E-04	2.60E-02	MG/L
G44D	shallow	SVOC	2,4-Dinitrophenol	T	5				3.50E-03	2.60E-02	MG/L
G44D	shallow	SVOC	Di-n-octylphthalate	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Fluoranthene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Fluorene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Hexachlorocyclopentadiene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	2-Methylnaphthalene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Methylphenol (total)	T	5				6.40E-04	1.10E-02	MG/L
G44D	shallow	SVOC	Naphthalene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Nitrobenzene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	4-Nitrophenol	T	5				6.30E-04	2.60E-02	MG/L
G44D	shallow	SVOC	N-Nitrosodimethylamine	T	2				2.40E-02	2.60E-02	MG/L
G44D	shallow	SVOC	N-Nitrosodiphenylamine	T	5				4.60E-04	1.10E-02	MG/L
G44D	shallow	SVOC	Pentachlorophenol	T	5				4.80E-04	2.60E-02	MG/L
G44D	shallow	SVOC	Phenanthrene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Phenol	T	5				9.60E-04	1.10E-02	MG/L
G44D	shallow	SVOC	Phenolics, Recoverable (total)	T	3	1	1.47E-01	1.47E-01	1.70E-02	1.70E-02	MG/L
G44D	shallow	SVOC	Phorate	T	2				9.50E-03	1.00E-02	MG/L
G44D	shallow	SVOC	Pyrene	T	2				9.60E-03	1.10E-02	MG/L
G44D	shallow	SVOC	Pyridine	T	2				2.40E-02	2.60E-02	MG/L
G44D	shallow	SVOC	2,4,5-Trichlorophenol	T	5				9.60E-04	1.10E-02	MG/L
G44D	shallow	SVOC	2,4,6-Trichlorophenol	T	5				1.30E-03	1.10E-02	MG/L
G44D	shallow	PHYS	CARBON	T	1	1	3.25E+00	3.25E+00			MG/L
G44D	shallow	PHYS	Organic Carbon (Dissolved)	D	5	5	5.10E+00	7.00E+00			MG/L
G44D	shallow	PHYS	Organic Carbon (total)	T	4	4	5.00E+00	7.00E+00			MG/L
G44D	shallow	PHYS	Dissolved solids (total)	D	5	5	5.85E+02	7.40E+02			MG/L
G44D	shallow	PHYS	Organic Halides (total)	T	5	1	5.00E-03	5.00E-03	1.00E-02	1.80E-02	MG/L
G44D	shallow	PHYS	Oxidation reduction potential	T	1	1	1.49E+02	1.49E+02			MILLIVOLTS
G44D	shallow	PHYS	Temperature	T	1	1	1.49E+01	1.49E+01			DEG C
G44D	shallow	PEST	Aldicarb	T	2				5.00E-04	5.00E-04	MG/L
G44D	shallow	PEST	gamma-BHC	T	2				9.60E-06	1.20E-05	MG/L
G44D	shallow	PEST	Chlordane (total)	T	2				9.60E-06	1.20E-05	MG/L
G44D	shallow	PEST	Endrin	T	2				9.60E-06	1.20E-05	MG/L
G44D	shallow	PEST	Heptachlor	T	2				9.60E-06	1.20E-05	MG/L
G44D	shallow	PEST	Heptachlor epoxide	T	2				9.60E-06	1.20E-05	MG/L
G44D	shallow	PEST	Methoxychlor	T	2				9.60E-06	1.20E-05	MG/L
G44D	shallow	PEST	Toxaphene	T	2				4.80E-04	5.90E-04	MG/L
G44D	shallow	PCB	PCBs (total)	T	2				3.90E-04	4.80E-04	MG/L
G44D	shallow	OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	2				9.50E-03	1.00E-02	MG/L
G44D	shallow	OTHER	2,4-/2,6-Toluene diisocyanate	T	2				9.50E-03	1.00E-02	MG/L

Table 1c: Groundwater Summary by Location
General Motors Foundry Landfill, Danville, Illinois

Location	Wellzone	Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
G44D	shallow	OTHER	2-Chloro-1-ethanal	T	2				9.50E-03	1.00E-02	MG/L
G44D	shallow	OTHER	Turbidity	T	1	1	2.37E+01	2.37E+01			NTU
G44D	shallow	INORG	Antimony	T	2	1	5.00E-05	5.00E-05	5.00E-05	5.00E-05	MG/L
G44D	shallow	INORG	Arsenic	T	2	2	8.40E-04	1.82E-03			MG/L
G44D	shallow	INORG	Arsenic	D	5	3	8.80E-04	4.10E-03	4.30E-03	4.30E-03	MG/L
G44D	shallow	INORG	Barium	T	2	2	1.09E-01	1.31E-01			MG/L
G44D	shallow	INORG	Beryllium	T	2	1	2.20E-04	2.20E-04	2.00E-05	2.00E-05	MG/L
G44D	shallow	INORG	Boron	T	2	2	2.70E-01	3.26E-01			MG/L
G44D	shallow	INORG	Cadmium	T	2	2	4.10E-05	3.60E-04			MG/L
G44D	shallow	INORG	Cadmium	D	5	2	4.60E-05	1.90E-04	4.20E-04	5.00E-04	MG/L
G44D	shallow	INORG	Calcium	T	5	5	8.67E+01	1.17E+02			MG/L
G44D	shallow	INORG	Calcium	D	5	5	8.78E+01	1.16E+02			MG/L
G44D	shallow	INORG	Chromium (total)	T	2	1	1.21E-03	1.21E-03	2.00E-04	2.00E-04	MG/L
G44D	shallow	INORG	Cobalt	T	2	2	2.09E-03	3.72E-03			MG/L
G44D	shallow	INORG	Copper	T	2	2	4.70E-04	1.87E-03			MG/L
G44D	shallow	INORG	Cyanide (total)	T	5				2.50E-03	1.00E-02	MG/L
G44D	shallow	INORG	Fluoride	T	5	5	1.32E+00	3.60E+00			MG/L
G44D	shallow	INORG	Fluoride	D	5	5	1.56E+00	3.80E+00			MG/L
G44D	shallow	INORG	Iron	T	5	5	2.60E-01	1.33E+00			MG/L
G44D	shallow	INORG	Iron	D	5	4	2.41E-01	6.50E-01	1.53E-02	1.53E-02	MG/L
G44D	shallow	INORG	Lead	T	2	2	1.70E-05	3.82E-04			MG/L
G44D	shallow	INORG	Lead	D	5	2	1.30E-05	6.10E-05	1.70E-03	1.90E-03	MG/L
G44D	shallow	INORG	Manganese	T	5	5	2.31E+00	4.70E+00			MG/L
G44D	shallow	INORG	Manganese	D	5	5	3.27E+00	4.72E+00			MG/L
G44D	shallow	INORG	Mercury	T	2				2.00E-04	2.00E-04	MG/L
G44D	shallow	INORG	Mercury	D	5				9.00E-05	2.00E-04	MG/L
G44D	shallow	INORG	Nickel	T	2	2	5.86E-03	8.98E-03			MG/L
G44D	shallow	INORG	Nitrate	T	2				5.00E-02	5.00E-02	MG/L
G44D	shallow	INORG	Selenium	T	2	1	5.00E-04	5.00E-04	5.00E-03	5.00E-03	MG/L
G44D	shallow	INORG	Silver	T	2				2.00E-05	2.00E-05	MG/L
G44D	shallow	INORG	Thallium	T	2	2	4.10E-05	4.40E-05			MG/L
G44D	shallow	INORG	Zinc	T	2	2	5.50E-03	9.00E-03			MG/L
G44D	shallow	HERB	Alachlor	T	2				7.10E-05	7.50E-05	MG/L
G44D	shallow	HERB	2,4-D	T	2				1.00E-04	1.00E-04	MG/L
G44D	shallow	HERB	Dalapon	T	2				5.40E-04	5.40E-04	MG/L
G44D	shallow	HERB	Endothall	T	2				5.00E-03	5.00E-03	MG/L
G44D	shallow	HERB	Picloram	T	2				1.00E-04	1.00E-04	MG/L
G44D	shallow	HERB	Simazine	T	2				5.00E-05	5.20E-05	MG/L
G44D	shallow	HERB	2,4,5-TP	T	2				5.00E-05	5.00E-05	MG/L
Notes:											
Chem Group - chemical group											
Meas Basis - measured basis; T = total, D = dissolved											
Includes groundwater data collected between August 1986 and May 2007											

Table 2: Leachate Summary
General Motors Foundry Landfill, Danville, Illinois

Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
WQ	Ammonia	D	1	1	1.63E+00	1.63E+00			MG/L
WQ	Chloride	T	11	11	3.00E+00	1.00E+01			MG/L
WQ	Dissolved oxygen (total)	D	1	1	3.06E+00	3.06E+00			MG/L
WQ	pH	T	1	1	7.32E+00	7.32E+00			S.U.
WQ	Specific Conductivity	T	1	1	2.87E+02	2.87E+02			UMHOS/CM
WQ	Sulfate	T	11	3	6.00E-01	1.50E+01	5.00E-01	7.50E+01	MG/L
VOC	Acetone	T	2				7.40E-01	2.00E+01	UG/L
VOC	Benzene	T	11				1.00E-01	2.00E+00	UG/L
VOC	Bromobenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	Bromochloromethane	T	1				5.00E-01	5.00E-01	UG/L
VOC	Bromodichloromethane	T	11				1.00E-01	5.00E+00	UG/L
VOC	Bromoform	T	11				1.00E-01	5.00E+00	UG/L
VOC	Bromomethane	T	2				3.60E-01	5.00E-01	UG/L
VOC	2-Butanone	T	2				3.90E-01	2.00E+01	UG/L
VOC	n-Butylbenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	sec-Butylbenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	tert-Butylbenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	Carbon Disulfide	T	2				2.80E-01	5.00E-01	UG/L
VOC	Carbon Tetrachloride	T	11				1.00E-01	5.00E+00	UG/L
VOC	Chlorobenzene	T	11				1.00E-01	5.00E+00	UG/L
VOC	Chloroethane	T	2				2.40E-01	5.00E-01	UG/L
VOC	Chloroform	T	11				1.00E-01	5.00E+00	UG/L
VOC	Chloromethane	T	2				1.40E-01	5.00E-01	UG/L
VOC	2-Chlorotoluene	T	1				2.00E+00	2.00E+00	UG/L
VOC	4-Chlorotoluene	T	1				2.00E+00	2.00E+00	UG/L
VOC	Cumene	T	2				1.50E-01	2.00E+00	UG/L
VOC	Cyclohexane	T	1				1.20E-01	1.20E-01	UG/L
VOC	p-Cymene	T	1				2.00E+00	2.00E+00	UG/L
VOC	1,2-Dibromo-3-chloropropane	T	2				2.80E-01	2.00E+00	UG/L
VOC	Dibromochloromethane	T	11				1.00E-01	5.00E+00	UG/L
VOC	1,2-Dibromoethane	T	2				2.40E-01	2.00E+00	UG/L
VOC	Dibromomethane	T	1				5.00E-01	5.00E-01	UG/L
VOC	1,2-Dichlorobenzene	T	2				2.00E-01	5.00E-01	UG/L
VOC	1,3-Dichlorobenzene	T	2				1.80E-01	5.00E-01	UG/L
VOC	1,4-Dichlorobenzene	T	2				2.20E-01	5.00E-01	UG/L
VOC	Dichlorodifluoromethane	T	2				2.50E-01	5.00E-01	UG/L
VOC	1,1-Dichloroethane	T	2				2.10E-01	5.00E-01	UG/L
VOC	1,2-Dichloroethane	T	11				1.00E-01	5.00E+00	UG/L
VOC	1,1-Dichloroethene	T	11				1.00E-01	5.00E+00	UG/L
VOC	cis-1,2-Dichloroethene	T	11				1.50E-01	5.00E+00	UG/L
VOC	trans-1,2-Dichloroethene	T	11				1.00E-01	5.00E+00	UG/L
VOC	1,2-Dichloropropane	T	11				1.00E-01	5.00E+00	UG/L
VOC	1,3-Dichloropropane	T	1				5.00E-01	5.00E-01	UG/L
VOC	2,2-Dichloropropane	T	1				5.00E-01	5.00E-01	UG/L
VOC	1,1-Dichloropropene	T	1				5.00E-01	5.00E-01	UG/L
VOC	1,3-Dichloropropene (total)	T	2				1.70E-01	5.00E-01	UG/L
VOC	Ethyl Benzene	T	11				1.00E-01	2.00E+00	UG/L
VOC	2-Hexanone	T	2				3.50E-01	2.00E+01	UG/L
VOC	Methyl Acetate	T	1				5.20E-01	5.20E-01	UG/L
VOC	Methyl tert-butyl ether	T	1				1.80E-01	1.80E-01	UG/L
VOC	4-Methyl-2-pentanone	T	2				3.20E-01	2.00E+01	UG/L
VOC	Methylcyclohexane	T	1				5.00E-01	5.00E-01	UG/L
VOC	Methylene Chloride	T	2				1.90E-01	2.00E+00	UG/L
VOC	n-Propylbenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	Styrene	T	11				1.00E-01	5.00E+00	UG/L
VOC	1,1,1,2-Tetrachloroethane	T	1				5.00E-01	5.00E-01	UG/L
VOC	1,1,2,2-Tetrachloroethane	T	2				2.20E-01	5.00E-01	UG/L
VOC	Tetrachloroethene	T	11				1.60E-01	5.00E+00	UG/L
VOC	Toluene	T	11				1.00E-01	5.00E+00	UG/L
VOC	1,2,3-Trichlorobenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	1,2,4-Trichlorobenzene	T	2				1.90E-01	2.00E+00	UG/L
VOC	1,1,1-Trichloroethane	T	11				1.20E-01	5.00E+00	UG/L
VOC	1,1,2-Trichloroethane	T	2				2.20E-01	5.00E-01	UG/L
VOC	Trichloroethene	T	11				1.00E-01	5.00E+00	UG/L
VOC	Trichlorofluoromethane	T	2				1.60E-01	5.00E-01	UG/L
VOC	1,2,3-Trichloropropane	T	1				5.00E-01	5.00E-01	UG/L
VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	T	1				2.60E-01	2.60E-01	UG/L
VOC	1,2,4-Trimethylbenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	1,3,5-Trimethylbenzene	T	1				2.00E+00	2.00E+00	UG/L
VOC	Vinyl Chloride	T	11				1.40E-01	1.00E+01	UG/L
VOC	Xylenes (total)	T	11				2.00E-01	5.00E+00	UG/L
SVOC	Acenaphthene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Anthracene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Atrazine	T	1				9.80E-02	9.80E-02	UG/L
SVOC	Benzidine	T	1				4.80E+01	4.80E+01	UG/L
SVOC	Benzo(a)anthracene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Benzo(a)pyrene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Benzoic Acid	T	1				2.40E+01	2.40E+01	UG/L
SVOC	bis(2-Ethylhexyl)phthalate	T	1				9.60E+00	9.60E+00	UG/L
SVOC	2-sec-Butyl-4,6-dinitrophenol	T	1				2.00E-01	2.00E-01	UG/L
SVOC	Butylbenzylphthalate	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Carbofuran	T	1				5.00E-01	5.00E-01	UG/L

Table 2: Leachate Summary
General Motors Foundry Landfill, Danville, Illinois

Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
SVOC	2-Chlorophenol	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Chrysene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	2,4-Dichlorophenol	T	1				9.60E+00	9.60E+00	UG/L
SVOC	2,4-Dimethylphenol	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Dimethylphthalate	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Di-n-butylphthalate	T	1				9.60E+00	9.60E+00	UG/L
SVOC	4,6-Dinitro-2-methylphenol	T	1				2.40E+01	2.40E+01	UG/L
SVOC	2,4-Dinitrophenol	T	1				2.40E+01	2.40E+01	UG/L
SVOC	Di-n-octylphthalate	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Fluoranthene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Fluorene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Hexachlorobutadiene	T	1				2.00E+00	2.00E+00	UG/L
SVOC	Hexachlorocyclopentadiene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	2-Methylnaphthalene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Methylphenol (total)	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Naphthalene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Nitrobenzene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	4-Nitrophenol	T	1				2.40E+01	2.40E+01	UG/L
SVOC	N-Nitrosodimethylamine	T	1				2.40E+01	2.40E+01	UG/L
SVOC	N-Nitrosodiphenylamine	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Pentachlorophenol	T	1				2.40E+01	2.40E+01	UG/L
SVOC	Phenanthrene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Phenol	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Phorate	T	1				9.50E+00	9.50E+00	UG/L
SVOC	Pyrene	T	1				9.60E+00	9.60E+00	UG/L
SVOC	Pyridine	T	1				2.40E+01	2.40E+01	UG/L
SVOC	2,4,5-Trichlorophenol	T	1				9.60E+00	9.60E+00	UG/L
SVOC	2,4,6-Trichlorophenol	T	1				9.60E+00	9.60E+00	UG/L
PHYS	Organic Carbon (Dissolved)	D	1	1	3.10E+00	3.10E+00			MG/L
PHYS	Organic Carbon (total)	T	1	1	3.00E+00	3.00E+00			MG/L
PHYS	Dissolved solids (total)	T	11	11	9.00E+01	1.90E+02			MG/L
PHYS	Organic Halides (total)	T	1	1	4.00E+00	4.00E+00			UG/L
PHYS	Oxidation reduction potential	T	1	1	-1.62E+01	-1.62E+01			MLLIVOLTS
PHYS	Temperature	T	1	1	2.29E+01	2.29E+01			DEG C
PEST	Aldicarb	T	1				5.00E-01	5.00E-01	UG/L
PEST	gamma-BHC	T	1	1	1.20E-01	1.20E-01			UG/L
PEST	Chlordane (total)	T	1				9.60E-03	9.60E-03	UG/L
PEST	Endrin	T	1				9.60E-03	9.60E-03	UG/L
PEST	Heptachlor	T	1				9.60E-03	9.60E-03	UG/L
PEST	Heptachlor epoxide	T	1				9.60E-03	9.60E-03	UG/L
PEST	Methoxychlor	T	1				9.60E-03	9.60E-03	UG/L
PEST	Toxaphene	T	1				4.80E-01	4.80E-01	UG/L
PCB	PCBs (total)	T	1				3.80E-01	3.80E-01	UG/L
OTHER	1,3,5-Trioxane, 2,4,6-trimethyl-	T	1				9.50E+00	9.50E+00	UG/L
OTHER	2,4-/2,6-Toluene diisocyanate	T	1				9.50E+00	9.50E+00	UG/L
OTHER	2-Chloro-1-ethanal	T	1				9.50E+00	9.50E+00	UG/L
OTHER	Turbidity	T	1	1	9.99E+02	9.99E+02			NTU
INORG	Antimony	T	1				5.00E-02	5.00E-02	UG/L
INORG	Arsenic	T	9	1	4.50E-02	4.50E-02	2.00E-03	4.30E-03	MG/L
INORG	Arsenic	T	2	1	5.70E-01	5.70E-01	2.70E+00	2.70E+00	UG/L
INORG	Arsenic	D	1				5.00E-01	5.00E-01	UG/L
INORG	Barium	T	9	6	4.00E-02	7.38E-01	7.50E-04	3.20E-03	MG/L
INORG	Barium	T	2	2	2.66E+01	5.89E+01			UG/L
INORG	Beryllium	T	1				2.00E-02	2.00E-02	UG/L
INORG	Boron	T	1	1	3.57E+01	3.57E+01			UG/L
INORG	Cadmium	T	9				2.80E-04	1.00E-03	MG/L
INORG	Cadmium	T	2	1	2.00E-01	2.00E-01	2.00E-01	2.00E-01	UG/L
INORG	Cadmium	D	1	1	1.40E-01	1.40E-01			UG/L
INORG	Calcium	T	1	1	3.93E+04	3.93E+04			UG/L
INORG	Calcium	D	1	1	3.85E+04	3.85E+04			UG/L
INORG	Chromium (total)	T	9	3	1.00E-02	1.81E-01	1.00E-03	1.90E-03	MG/L
INORG	Chromium (total)	T	2	1	9.20E-01	9.20E-01	4.00E-01	4.00E-01	UG/L
INORG	Cobalt	T	1	1	5.21E-01	5.21E-01			UG/L
INORG	Copper	T	9	4	3.20E-03	2.81E-01	1.00E-03	2.30E-03	MG/L
INORG	Copper	T	2	2	9.10E-01	2.50E+00			UG/L
INORG	Cyanide (total)	T	1	1	3.00E-02	3.00E-02			MG/L
INORG	Fluoride	T	11	8	3.50E-01	6.60E-01	2.60E-02	3.70E-02	MG/L
INORG	Iron	T	9	9	6.20E-01	2.43E+02			MG/L
INORG	Iron	T	2	2	1.58E+03	1.78E+03			UG/L
INORG	Iron	D	1				2.00E+01	2.00E+01	UG/L
INORG	Lead	T	9	3	6.00E-03	1.79E-01	1.70E-03	2.00E-03	MG/L
INORG	Lead	T	2	2	5.11E-01	3.30E+00			UG/L
INORG	Lead	D	1				2.00E-02	2.00E-02	UG/L
INORG	Manganese	T	9	9	3.70E-01	8.85E+00			MG/L
INORG	Manganese	T	2	2	3.98E+02	5.19E+02			UG/L
INORG	Manganese	D	1	1	4.92E+02	4.92E+02			UG/L
INORG	Mercury	T	1				2.00E-01	2.00E-01	UG/L
INORG	Mercury	D	1				2.00E-01	2.00E-01	UG/L
INORG	Nickel	T	1	1	3.92E+00	3.92E+00			UG/L
INORG	Nitrate	T	11	6	1.10E-01	9.00E-01	2.00E-02	1.00E-01	MG/L
INORG	Selenium	T	9				2.00E-03	3.70E-03	MG/L
INORG	Selenium	T	2				1.00E+00	2.90E+00	UG/L

Table 2: Leachate Summary
General Motors Foundry Landfill, Danville, Illinois

Chem Group	Chemical	Meas Basis	Analyzed	Detected	Min Detected	Max Detected	Min Limit	Max Limit	Units
INORG	Silver	T	1				2.00E-02	2.00E-02	UG/L
INORG	Thallium	T	1				2.00E-02	2.00E-02	UG/L
INORG	Zinc	T	9	4	7.00E-03	2.59E+00	5.00E-03	1.40E-02	MG/L
INORG	Zinc	T	2	2	9.20E+00	2.36E+01			UG/L
HERB	Alachlor	T	1				7.00E-02	7.00E-02	UG/L
HERB	2,4-D	T	1				2.00E-01	2.00E-01	UG/L
HERB	Dalapon	T	1				5.40E-01	5.40E-01	UG/L
HERB	Endothall	T	1				5.00E+00	5.00E+00	UG/L
HERB	Picloram	T	1				2.00E-01	2.00E-01	UG/L
HERB	Simazine	T	1				4.90E-02	4.90E-02	UG/L
HERB	2,4,5-TP	T	1				5.00E-02	5.00E-02	UG/L
Notes:									
Chem Group - chemical group									
Meas Basis - measured basis; T = total, D = dissolved									
Includes leachate data collected from L-101 between February 2002 and May 2007									