APPENDIX A

Soil and Groundwater Screening Figures

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
1	AOI-26	7A	
10	AOI-26	7A	
11	AOI-26	7A	
1-4011	AOI-26	7A	
1-4016	AOI-26	7A	
2	AOI-26	7A	
2-4011	AOI-26	7A	
3	AOI-26	7A	
3-4011	AOI-26	7A	
4	AOI-26	7A	
4-4011	AOI-26	7A	
5	AOI-26	7A	
6	AOI-26	7A	
7	AOI-26	7A	
8	AOI-26	7A	
9	AOI-26	7A	
AW-10	AOI-11	3A	
AW-8	AOI-11	3A	
AW-9	AOI-11	3A	
B-4031	AOI-03	12A	
B-4041	AOI-04	12A	
B-4081	AOI-08	2A	
B-4082	AOI-08	2A	
B-4083	AOI-08	2A	
B-4084	AOI-08	2A	
B-4091	AOI-09	2A	
B-4092	AOI-09	2A	
B-4093	AOI-09	2A	
B-4094	AOI-09	2A	
B-4095	AOI-09	2A	
B-4096	AOI-09	2A	
B-4097	AOI-09	2A	
B-4111	AOI-11	3A	
B-4141	AOI-14	4A	
B-4142	AOI-14	4A	
B-4143	AOI-14	4A	
B-4161	AOI-16	5A	
B-4162	AOI-16	5A	
B-4163	AOI-16	5A	
B-4171	AOI-17	11A	
B-4181	AOI-18	6A	
B-4182	AOI-18	6A	
B-4183	AOI-18	6A	
B-4211	AOI-21	6A	
B-4213	AOI-21	6A	
B-4214	AOI-21	6A	
B-4215	AOI-21	6A	
B-4231	AOI-23	6A	
B-4232	AOI-23	6A	
B-4233	AOI-23	6A	
B-4251	AOI-25	5A	
B-4252	AOI-25	5A	
B-4253	AOI-25	5A	
B-4254	AOI-25	5A	
B-4255	AOI-25	5A	
B-4261	AOI-26	7A	

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
B-42610	AOI-26	7A	
B-42611	AOI-26	7A	
B-42612	AOI-26	7A	
B-4262	AOI-26	7A	
B-4263	AOI-26	7A	
B-4264	AOI-26	7A	
B-4265	AOI-26	7A	
B-4266	AOI-26	7A	
B-4267	AOI-26	7A	
B-4268	AOI-26	7A	
B-4269	AOI-26	7A	
B-4270	AOI-27	8A	
B-4271	AOI-27	8A	
B-4272	AOI-27	8A	
B-4273	AOI-27	8A	
B-4274	AOI-27	8A	
B-4275	AOI-27	8A	
B-4276	AOI-27	8A	
B-4277	AOI-27	8A	
B-4278	AOI-27	8A	
B-4279	AOI-27	8A	
B-4311	AOI-31	4A	
B-4351	AOI-35	5A	
B-4352	AOI-35	5A	
B-4353	AOI-35	5A	
B-4371	AOI-37	6A	
B-4451	AOI-45	9A	
B-4452	AOI-45	9A	
B-4453	AOI-45	9A	
B-4454	AOI-45	9A	
B-4455	AOI-45	9A	
B-4484	AOI-48 (SE)	12A	
B-4485	AOI-48 (SE)	12A	
B-4486	AOI-48 (SE)	12A	
B-4501	AOI-50	10A	
B-4502	AOI-50	10A	
B-4503	AOI-50	10A	
B-4504	AOI-50	10A	
Diesel Fuel Tank Excavation	AOI-31	4A	
GP-4001	AOI-48 (NW)	11A	
GP-4002	AOI-48 (NW)	11A	
GP-4003	AOI-48 (NW)	11A	
GP-4004	AOI-48 (NW)	11A	
GP-4005	AOI-48 (NW)	11A	
GP-4006	AOI-48 (NW)	11A	
GP-4007	AOI-48 (NW)	11A	
GP-4008	AOI-48 (NW)	11A	
GP-4009	AOI-48 (NW)	11A	
GP-4010	AOI-48 (NW)	11A	
GP-4011	AOI-48 (SE)	12A	
GP-4012	AOI-48 (SE)	12A	
GP-4013	AOI-48 (SE)	12A	
GP-4014	AOI-48 (SE)	12A	
GP-4015	AOI-48 (NW)	11A	
GP-4016	AOI-48 (NW)	11A	
GP-4017	AOI-48 (NW)	11A	

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
GP-4018	AOI-48 (NW)	11A	
GP-4019	AOI-48 (NW)	11A	
GP-4020	AOI-48 (NW)	11A	
GP-4021	AOI-48 (NW)	11A	
GP-4023	AOI-48 (SE)	12A	
GP-4023a	AOI-48 (SE)	12A	
GP-4024	AOI-48 (SE)	12A	
GP-4025	AOI-48 (SE)	12A	
GP-4026	AOI-48 (SE)	12A	
GP-4027	AOI-48 (SE)	12A	
GP-4028a	AOI-48 (SE)	12A	
GP-4029	AOI-48 (SE)	12A	
GP-4101	AOI-48 (NW)	11A	
GP-4102	AOI-48 (NW)	11A	
GP-4103	AOI-48 (NW)	11A	
GP-4104	AOI-48 (NW)	11A	
GP-4105	AOI-48 (NW)	11A	
GP-4106	AOI-48 (NW)	11A	
GP-4107	AOI-48 (NW)	11A	
GP-4108	AOI-48 (NW)	11A	
GP-4109	AOI-48 (NW)	11A	
GP-4110	AOI-48 (NW)	11A	
GP-4111	AOI-48 (NW)	11A	
GP-4112	AOI-48 (NW)	11A	
GP-4121	AOI-49	2A	
GP-4123	AOI-49	2A	
GP-4161	AOI-48 (NW)	11A	
GP-4162	AOI-48 (NW)	11A	
GP-4163	AOI-48 (NW)	11A	
GP-4164	AOI-48 (NW)	11A	
GP-4165	AOI-48 (NW)	11A	
GP-4166	AOI-48 (NW)	11A	
GP-4167	AOI-48 (NW)	11A	
GP-4168	AOI-48 (NW)	11A	
GP-4169	AOI-48 (NW)	11A	
GP-4170	AOI-48 (NW)	11A	
GP-4201	AOI-08	2A	
GP-4202	AOI-08	2A	
GP-4203	AOI-08	2A	
GP-4204	AOI-08	2A	
GP-4205	AOI-08	2A	
GP-4206	AOI-08	2A	
GP-4207	AOI-08	2A	
GP-4208	AOI-08	2A	
GP-4211	AOI-08	2A	
GP-4212	AOI-08	2A	
GP-4213	AOI-08	2A	
GP-4214	AOI-08	2A	
GP-4215	AOI-08	2A	
GP-4216	AOI-08	2A	
GP-4217	AOI-08	2A	
GP-4218	AOI-08	2A	
GP-4219	AOI-08	2A	
GP-4220	AOI-08	2A	
GP-4221	AOI-08	2A	
GP-4222	AOI-08	2A	

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
GP-4223	AOI-08	2A	
GP-4231	AOI-48 (SE)	12A	
GP-4232	AOI-48 (SE)	12A	
GP-4234	AOI-48 (SE)	12A	
GP-4235	AOI-48 (SE)	12A	
GP-4236	AOI-48 (SE)	12A	
GP-4237	AOI-48 (SE)	12A	
GP-4239	AOI-48 (SE)	12A	
GP-4240	AOI-48 (SE)	12A	
GP-4241	AOI-48 (SE)	12A	
GP-4242	AOI-48 (SE)	12A	
GP-4243	AOI-48 (SE)	12A	
GP-4244	AOI-48 (SE)	12A	
GP-4245	AOI-48 (SE)	12A	
GP-4261	AOI-48 (NW)	13A	
GP-4262	AOI-48 (NW)	13A	
GP-4263	AOI-48 (NW)	13A	
GP-4264	AOI-48 (NW)	13A	
GP-4265	AOI-48 (NW)	13A	
GP-4266	AOI-48 (NW)	13A	
GP-4267	AOI-48 (NW)	13A	
GP-4268	AOI-48 (NW)	13A	
GP-4269	AOI-48 (NW)	13A	
GP-4270	AOI-48 (NW)	13A	
GP-4271	AOI-48 (NW)	13A	
GP-4272	AOI-48 (NW)	13A	
GP-4273	AOI-48 (NW)	13A	
GP-4274	AOI-48 (NW)	13A	
GP-4275	AOI-48 (NW)	13A	
GP-4276	AOI-48 (NW)	13A	
GP-4277	AOI-48 (NW)	13A	
GP-4278	AOI-48 (NW)	13A	
GP-4279	AOI-48 (NW)	13A	
GP-4280	AOI-48 (NW)	13A	
GP-4282	AOI-48 (NW)	13A	
GP-4283	AOI-48 (NW)	13A	
GP-4284	AOI-48 (NW)	13A	
GP-4285	AOI-48 (NW)	13A	
GP-4286	AOI-48 (NW)	13A	
GP-4287	AOI-48 (NW)	13A	
GP-4289	AOI-48 (NW)	13A	
GP-4290	AOI-48 (NW)	13A	
GP-4291	AOI-48 (NW)	13A	
GP-4293	AOI-48 (NW)	13A	
GP-4294	AOI-48 (NW)	13A	
GP-4295	AOI-48 (NW)	13A	
GP-4296	AOI-48 (NW)	13A	
GP-4297	AOI-48 (NW)	13A	
GP-4298	AOI-48 (NW)	13A	
GP-4299	AOI-48 (NW)	13A	
GP-4301	AOI-48 (NW)	11A	
GP-4302	AOI-48 (NW)	11A	
GP-4304	AOI-48 (NW)	11A	
GP-4305	AOI-48 (NW)	11A	
GP-4306	AOI-48 (NW)	11A	
H171	AOI-13	4A	

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
H172	AOI-13	4A	
H173	AOI-13	4A	
H174	AOI-13	4A	
H175	AOI-13	4A	
HB-1/SB-5	AOI-13	4A	
MW-4003	AOI-11	3A	
MW-4004	AOI-11	3A	
MW-4005	AOI-11	3A	
MW-4008	AOI-11	3A	
MW-4009	AOI-11	3A	
MW-4009D	AOI-11	3A	
MW-4010	AOI-11	3A	
MW-4101	AOI-26	7A	
MW-4102	AOI-26	7A	
MW-4103	AOI-26	7A	
MW-4104	AOI-26	7A	
MW-4105	AOI-26	7A	
MW-4106	AOI-26	7A	
MW-4107	AOI-26	7A	
MW-4108	AOI-26	7A	
MW-4109	AOI-26	7A	
MW-4110	AOI-26	7A	
MW-4111	AOI-26	7A	
MW-4112	AOI-26	7A	
MW-4113	AOI-26	7A	
MW-4114	AOI-26	7A	
MW-4115	AOI-26	7A	
MW-4117	AOI-26	12A	
MW-4118	AOI-26	12A	
MW-4118D	AOI-48 (SE)	12A	
MW-4119	AOI-26	7A	
MW-4120	AOI-26	7A	
MW-4121	AOI-26	7A	
MW-4122	AOI-26	7A	
MW-4401	AOI-13	4A	
MW-4402	AOI-13	4A	
MW-4403	AOI-13	4A	
MW-4404	AOI-13	4A	
MW-4406	AOI-13	4A	
MW-4407	AOI-13	4A	
MW-4408	AOI-13	4A	
MW-4410	AOI-13	4A	
MW-4413	AOI-13	4A	Data not shown - LNAPL Matrix
MW-4415	AOI-13	4A	Data not shown - LNAPL Matrix
MW-4417	AOI-13	4A	
MW-4418	AOI-13	4A	
MW-4419	AOI-13	4A	
MW-4420	AOI-13	4A	
MW-4502	AOI-37	6A	
MW-4503	AOI-37	6A	
MW-4601	AOI-48 (NW)	11A	
MW-4601D	AOI-48 (NW)	11A	
MW-4602	AOI-48 (NW)	11A	
MW-4603	AOI-48 (NW)	11A	
MW-4604	AOI-48 (NW)	11A	
MW-4604D	AOI-48 (NW)	11A	

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
MW-4605	AOI-48 (NW)	11A	
MW-4605D	AOI-48 (NW)	11A	
MW-4606	AOI-48	3A	
MW-4606D	AOI-48	3A	
MW-4607	AOI-48	2A	
MW-4608	AOI-48	12A	
MW-4608D	AOI-48	12A	
MW-4609	AOI-48	12A	
MW-4610	AOI-48 (SE)	12A	
MW-4610D	AOI-48 (SE)	12A	
MW-4610S	AOI-48 (SE)	12A	
MW-4612	AOI-48	7A	
MW-4614	AOI-48	11A	
MW-4615	AOI-48	8A	
MW-4615S	AOI-48	8A	
MW-4620D	AOI-48 (NW)	11A	
MW-4620S	AOI-48 (NW)	11A	
MW-4621D	AOI-50	10A	
MW-4621S	AOI-50	10A	
MW-4622D	AOI-49	2A	
MW-4622S	AOI-49	2A	
MW-4623D	AOI-48 (NW)	11A	
MW-4623S	AOI-48 (NW)	11A	
MW-4624D	AOI-48 (NW)	11A	
MW-4624S	AOI-48 (NW)	11A	
MW-4625D	AOI-48 (NW)	11A	
MW-4625S	AOI-48 (NW)	11A	
MW-4626D	AOI-48 (NW)	11A	
MW-4626M	AOI-48 (NW)	11A	
MW-4626S	AOI-48 (NW)	11A	
MW-4627D	AOI-48 (NW)	11A	
MW-4627S	AOI-48 (NW)	11A	
MW-4628D	AOI-48 (NW)	11A	
MW-4628S	AOI-48 (NW)	11A	
MW-4629D	AOI-48 (NW)	11A	
MW-4629S	AOI-48 (NW)	11A	
MW-4630D	AOI-48 (NW)	11A	
MW-4630M	AOI-48 (NW)	11A	
MW-4630M2	AOI-48 (NW)	11A	
MW-4630S	AOI-48 (NW)	11A	
MW-4631D	AOI-48 (NW)	11A	
MW-4631M	AOI-48 (NW)	11A	
MW-4631S	AOI-48 (NW)	11A	
MW-4632S	AOI-50	10A	
MW-4633S	AOI-50	10A	
MW-4634S	AOI-50	10A	
MW-4635S	AOI-50	10A	
MW-4636S	AOI-50	10A	
MW-4637S	AOI-49	2A	
MW-4638S	AOI-49	2A	
MW-4639S	AOI-49	2A	
MW-4640S	AOI-08	2A	
MW-4642S	AOI-48 (SE)	12A	
MW-4643S	AOI-48 (SE)	12A	
MW-4644S	AOI-22	6A	
MW-4645S	AOI-22	6A	

TABLE 1A
SAMPLE LOCATION KEY
DELPHI FLINT-EAST PLANT 400
NORTH DORT HIGHWAY
FLINT, MICHIGAN

Location	AOI	Figure Number	Notes
MW-4646D	AOI-48 (NW)	11A	
MW-4646M	AOI-48 (NW)	11A	
MW-4646S	AOI-48 (SE)	12A	
MW-4647D	AOI-48 (NW)	11A	
MW-4647M	AOI-48 (NW)	11A	
MW-4647S	AOI-48 (SE)	12A	
MW-4648	AOI-48 (NW)	11A	
MW-4661S	AOI-08	2A	
MW-4662S	AOI-08	2A	
MW-4663S	AOI-08	2A	
RW-1	AOI-13	4A	
SB-1	AOI-26	7A	
SB-1 (EG)	AOI-11	3A	
SB-2	AOI-26	7A	
SB-2 (EG)	AOI-11	3A	
SB-3	AOI-26	7A	
SB-3 (EG)	AOI-11	3A	
SB-3A	AOI-26	7A	
SB-4	AOI-26	7A	
SB-5B	AOI-26	7A	
SB-6	AOI-26	7A	
SB-7	AOI-26	7A	
SB-9	AOI-13	4A	
Tank 4007 Excavation	AOI-11	3A	
Tank 4007 Pipe Trench	AOI-11	3A	

LEGEND:

APPROXIMATE AREA OF INTEREST INVESTIGATED DURING RFI.

BUILDINGS

NOTES:

1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. AOI-48 IS SITEWIDE GROUNDWATER AND NOT SHOWN ON FIGURE.
3. AOIs SHOWN ARE THOSE INTRUSIVELY INVESTIGATED DURING THE RFI.

0 100 200 300

SCALE IN FEET

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

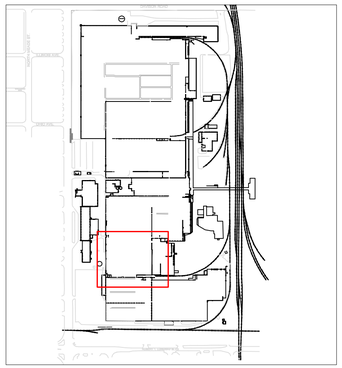
AREAS OF INTEREST INVESTIGATED DURING RFI

SCALE: AS SHOWN

DECEMBER 2004

FIGURE 1A

G:\49017\034 – FE3 Data Analysis, Management & Validation\Data_Package\Databox\Figure 1A.dwg

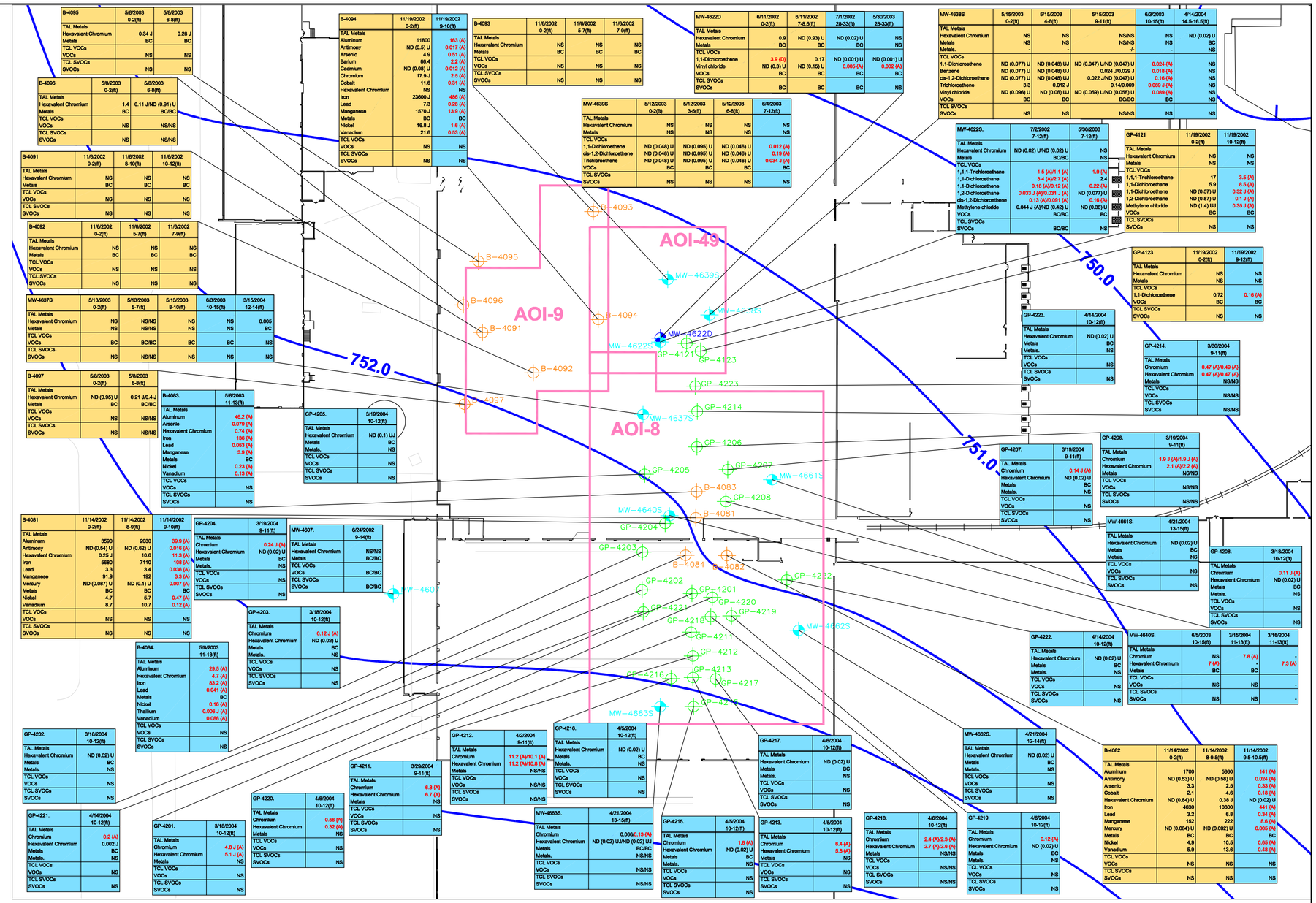


SCREENING CRITERIA FOR SOIL								
Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER							
Constituent	Residential Drinking Water[1] (mg/L)	Industrial Drinking Water[2] (mg/L)	Direct Contact[1,2] (mg/L)	Part 201 Residential Volatization to Indoor Air[1] (mg/L)	Part 201 Industrial Volatization to Indoor Air[2] (mg/L)	Site-Specific Residential Volatization to Indoor Air[1] (mg/L)	Site-Specific Industrial Volatization to Indoor Air[2] (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	68	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	290	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.082	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethane	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.



B-4095	5/8/2003 0-2(ft)	5/8/2003 6-8(ft)
TAL Metals		
Hexavalent Chromium	0.34 J	0.28 J
Metals	BC	BC
TCL VOCs		
VOCs	NS	NS
TCL SVOCs		
SVOCs	NS	NS

B-4096	5/8/2003 0-2(ft)	5/8/2003 6-8(ft)
TAL Metals		
Hexavalent Chromium	1.4	0.11 J/ND (0.91) U
Metals	BC	BC/BC
TCL VOCs		
VOCs	NS	NS/NS
TCL SVOCs		
SVOCs	NS	NS/NS

B-4091	11/6/2002 0-2(ft)	11/6/2002 8-10(ft)	11/6/2002 10-12(ft)
TAL Metals			
Hexavalent Chromium	NS	NS	NS
Metals	BC	BC	BC
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

B-4092	11/6/2002 0-2(ft)	11/6/2002 5-7(ft)	11/6/2002 7-9(ft)
TAL Metals			
Hexavalent Chromium	NS	NS	NS
Metals	BC	BC	BC
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

MW-4637S	5/13/2003 0-2(ft)	5/13/2003 5-7(ft)	5/13/2003 8-10(ft)	6/3/2003 10-15(ft)	3/15/2004 12-14(ft)
TAL Metals					
Hexavalent Chromium	NS	NS/NS	NS	NS	0.005
Metals	NS	NS/NS	NS	NS	BC
TCL VOCs					
VOCs	BC	BC/BC	BC	BC	NS
TCL SVOCs					
SVOCs	NS	NS/NS	NS	NS	NS

B-4097	5/8/2003 0-2(ft)	5/8/2003 6-8(ft)
TAL Metals		
Hexavalent Chromium	ND (0.95) U	0.21 J/0.4 J
Metals	BC	BC/BC
TCL VOCs		
VOCs	NS	NS/NS
TCL SVOCs		
SVOCs	NS	NS/NS

B-4083.	5/8/2003 11-13(ft)
TAL Metals	
Aluminum	46.2 (A)
Arsenic	0.079 (A)
Hexavalent Chromium	0.74 (A)
Iron	136 (A)
Lead	0.053 (A)
Manganese	3.9 (A)
Metals	BC
Nickel	0.23 (A)
Vanadium	0.13 (A)
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4205.	3/19/2004 10-12(ft)
TAL Metals	
Hexavalent Chromium	ND (0.1) UJ
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

B-4081	11/14/2002 0-2(ft)	11/14/2002 8-9(ft)	11/14/2002 9-10(ft)
TAL Metals			
Aluminum	3590	2030	39.9 (A)
Antimony	ND (0.54) U	ND (0.62) U	0.016 (A)
Hexavalent Chromium	0.25 J	10.6	11.3 (A)
Iron	5680	7110	108 (A)
Lead	3.3	3.4	0.036 (A)
Manganese	91.9	192	3.2 (A)
Mercury	ND (0.087) U	ND (0.1) U	0.007 (A)
Metals	BC	BC	BC
Nickel	4.7	5.7	0.47 (A)
Vanadium	8.7	10.7	0.12 (A)
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

GP-4204.	3/19/2004 9-11(ft)
TAL Metals	
Chromium	0.24 J (A)
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

MW-4607.	6/24/2002 9-14(ft)
TAL Metals	
Hexavalent Chromium	NS/NS
Metals	BC/BC
TCL VOCs	
VOCs	BC/BC
TCL SVOCs	
SVOCs	BC/BC

B-4084.	5/8/2003 11-13(ft)
TAL Metals	
Aluminum	29.5 (A)
Hexavalent Chromium	4.7 (A)
Iron	83.2 (A)
Lead	0.041 (A)
Metals	BC
Nickel	0.16 (A)
Thallium	0.006 J (A)
Vanadium	0.088 (A)
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4203.	3/18/2004 10-12(ft)
TAL Metals	
Chromium	0.12 J (A)
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4202.	3/18/2004 10-12(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4221.	4/14/2004 10-12(ft)
TAL Metals	
Chromium	0.2 (A)
Hexavalent Chromium	0.002 J
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4201.	3/18/2004 10-12(ft)
TAL Metals	
Chromium	4.8 J (A)
Hexavalent Chromium	5.1 J (A)
Metals	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4220.	4/6/2004 10-12(ft)
TAL Metals	
Chromium	0.58 (A)
Hexavalent Chromium	0.32 (A)
Metals	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4211.	3/29/2004 9-11(ft)
TAL Metals	
Chromium	6.8 (A)
Hexavalent Chromium	6.7 (A)
Metals	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4212.	4/2/2004 9-11(ft)
TAL Metals	
Chromium	11.2 (A)/10.1 (A)
Hexavalent Chromium	11.2 (A)/10.8 (A)
Metals	NS/NS
TCL VOCs	
VOCs	NS/NS
TCL SVOCs	
SVOCs	NS/NS

MW-4663S.	4/21/2004 13-15(ft)
TAL Metals	
Chromium	0.066/0.13 (A)
Hexavalent Chromium	ND (0.02) U/ND (0.02) U
Metals	BC/BC
Metals.	NS/NS
TCL VOCs	
VOCs	NS/NS
TCL SVOCs	
SVOCs	NS/NS

GP-4216.	4/5/2004 10-12(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4215.	4/5/2004 10-12(ft)
TAL Metals	
Chromium	1.6 (A)
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4217.	4/6/2004 10-12(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4213.	4/5/2004 10-12(ft)
TAL Metals	
Chromium	8.4 (A)
Hexavalent Chromium	5.5 (A)
Metals	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4218.	4/6/2004 10-12(ft)
TAL Metals	
Chromium	2.4 (A)/2.3 (A)
Hexavalent Chromium	2.7 (A)/2.8 (A)
Metals	NS/NS
TCL VOCs	
VOCs	NS/NS
TCL SVOCs	
SVOCs	NS/NS

GP-4219.	4/6/2004 10-12(ft)
TAL Metals	
Chromium	0.12 (A)
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

B-4094	11/19/2002 0-2(ft)	11/19/2002 9-10(ft)
TAL Metals		
Aluminum	11800	183 (A)
Antimony	ND (0.5) U	0.017 (A)
Arsenic	4.9	0.51 (A)
Barium	66.4	2.2 (A)
Cadmium	ND (0.08) U	0.012 (A)
Chromium	17.9 J	2.5 (A)
Cobalt	11.6	0.31 (A)
Hexavalent Chromium	NS	NS
Iron	23600 J	486 (A)
Lead	7.3	0.28 (A)
Manganese	1570 J	13.9 (A)
Metals	BC	BC
Nickel	16.8 J	1.8 (A)
Vanadium	21.6	0.53 (A)
TCL VOCs		
VOCs	NS	NS
TCL SVOCs		
SVOCs	NS	NS

B-4093	11/6/2002 0-2(ft)	11/6/2002 5-7(ft)	11/6/2002 7-9(ft)
TAL Metals			
Hexavalent Chromium	NS	NS	NS
Metals	BC	BC	BC
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

MW-4622D	6/11/2002 0-2(ft)	6/11/2002 7-8.5(ft)	7/1/2002 28-33(ft)	5/30/2003 28-33(ft)
TAL Metals				
Hexavalent Chromium	0.9	ND (0.93) U	ND (0.02) U	NS
Metals	BC	BC	BC	NS
TCL VOCs				
1,1-Dichloroethene	3.9 (D)	0.17	ND (0.001) U	ND (0.001) U
Vinyl chloride	ND (0.3) U	ND (0.15) U	0.005 (A)	0.002 (A)
VOCs	BC	BC	BC	BC
TCL SVOCs				
SVOCs	BC	BC	BC	NS

MW-4639S	5/12/2003 0-2(ft)	5/12/2003 3-5(ft)	5/12/2003 6-8(ft)	6/4/2003 7-12(ft)
TAL Metals				
Hexavalent Chromium	NS	NS	NS	NS
Metals	NS	NS	NS	NS
TCL VOCs				
1,1-Dichloroethene	ND (0.048) U	ND (0.095) U	ND (0.046) U	0.012 (A)
cis-1,2-Dichloroethene	ND (0.048) U	ND (0.095) U	ND (0.046) U	0.19 (A)
Trichloroethene	ND (0.048) U	ND (0.095) U	ND (0.046) U	0.034 J (A)
VOCs	BC	BC	BC	BC
TCL SVOCs				
SVOCs	NS	NS	NS	NS

MW-4638S	5/15/2003 0-2(ft)	5/15/2003 4-6(ft)	5/15/2003 9-11(ft)	6/3/2003 10-15(ft)	4/14/2004 14.5-16.5(ft)
TAL Metals					
Hexavalent Chromium	NS	NS	NS/NS	NS	ND (0.02) U
Metals	NS	NS	NS/NS	NS	BC
Metals.	-	-	-/-	-	NS
TCL VOCs					
1,1-Dichloroethene	ND (0.077) U	ND (0.048) UJ	ND (0.047) U/ND (0.047) U	0.024 (A)	NS
Benzene	ND (0.077) U	ND (0.048) UJ	0.024 J/0.029 J	0.018 (A)	NS
cis-1,2-Dichloroethene	ND (0.077) U	ND (0.048) UJ	0.022 J/ND (0.047) U	0.16 (A)	NS
Trichloroethene	3.3	0.012 J	0.14/0.069	0.069 J (A)	NS
Vinyl chloride	ND (0.096) U	ND (0.06) UJ	ND (0.059) U/ND (0.058) U	0.089 (A)	NS
VOCs	BC	BC	BC/BC	BC	NS
TCL SVOCs					
SVOCs	NS	NS	NS/NS	NS	NS

MW-4622S.	7/2/2002 7-12(ft)	5/30/2003 7-12(ft)
TAL Metals		
Hexavalent Chromium	ND (0.02) U/ND (0.02) U	NS
Metals	BC/BC	NS
TCL VOCs		
1,1,1-Trichloroethane	1.5 (A)/1.1 (A)	1.9 (A)
1,1-Dichloroethane	3.4 (A)/2.7 (A)	2.4
1,1-Dichloroethene	0.18 (A)/0.12 (A)	0.22 (A)
1,2-Dichloroethane	0.033 J (A)/0.031 J (A)	ND (0.077) U
cis-1,2-Dichloroethene	0.13 (A)/0.091 (A)	0.16 (A)
Methylene chloride	0.044 J (A)/ND (0.42) U	ND (0.38) U
VOCs	BC/BC	BC
TCL SVOCs		
SVOCs	BC/BC	NS

GP-4121	11/19/2002 0-2(ft)	11/19/2002 10-12(ft)
TAL Metals		
Hexavalent Chromium	NS	NS
Metals	NS	NS
TCL VOCs		
1,1,1-Trichloroethane	17	3.5 (A)
1,1-Dichloroethane	5.9	8.5 (A)
1,1-Dichloroethene	ND (0.57) U	0.32 J (A)
1,2-Dichloroethane	ND (0.57) U	0.1 J (A)
Methylene chloride	ND (1.4) UJ	0.35 J (A)
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4123	11/19/2002 0-2(ft)	11/19/2002 9-12(ft)
TAL Metals		
Hexavalent Chromium	NS	NS
Metals	NS	NS
TCL VOCs		
1,1-Dichloroethene	0.72	0.16 (A)
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4223.	4/14/2004 10-12(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4214.	3/30/2004 9-11(ft)
TAL Metals	
Chromium	0.47 (A)/0.49 (A)
Hexavalent Chromium	0.47 (A)/0.47 (A)
Metals	NS/NS
TCL VOCs	
VOCs	NS/NS
TCL SVOCs	
SVOCs	NS/NS

GP-4207.	3/19/2004 9-11(ft)
TAL Metals	
Chromium	0.14 J (A)
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4206.	3/19/2004 9-11(ft)
TAL Metals	
Chromium	1.9 J (A)/1.9 J (A)
Hexavalent Chromium	2.1 (A)/2.2 (A)
Metals	NS/NS
TCL VOCs	
VOCs	NS/NS
TCL SVOCs	
SVOCs	NS/NS

MW-4661S.	4/21/2004 13-15(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4208.	3/18/2004 10-12(ft)
TAL Metals	
Chromium	0.11 J (A)
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

GP-4222.	4/14/2004 10-12(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

MW-4640S.	6/5/2003 10-15(ft)	3/15/2004 11-13(ft)	3/16/2004 11-13(ft)
TAL Metals			
Chromium	NS	7.8 (A)	-
Hexavalent Chromium	7 (A)	-	7.3 (A)
Metals	BC	BC	-
TCL VOCs			
VOCs	NS	NS	-
TCL SVOCs			
SVOCs	NS	NS	-

MW-4662S.	4/21/2004 12-14(ft)
TAL Metals	
Hexavalent Chromium	ND (0.02) U
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

B-4082	11/14/2002 0-2(ft)	11/14/2002 8-8.5(ft)	11/14/2002 9.5-10.5(ft)
TAL Metals			
Aluminum	1700	5860	141 (A)
Antimony	ND (0.53) U	ND (0.56) U	0.024 (A)
Arsenic	3.3	2.5	0.35 (A)
Cobalt	2.1	4.6	0.18 (A)
Hexavalent Chromium	ND (0.64) U	0.38 J	ND (0.02) U
Iron	4630	10800	441 (A)
Lead	3.2	6.8	0.34 (A)
Manganese	192	222	8.6 (A)
Mercury	ND (0.084) U	ND (0.092) U	0.005 (A)
Metals	BC	BC	BC
Nickel	4.9	10.5	0.65 (A)
Vanadium	5.9	13.6	0.48 (A)
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( )J- INDICATES ESTIMATED REPORTING LIMIT.
   D - USED IN PRE-RFI DATA, INDICATES THE ANALYSIS WAS A DILUTION.
   NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
   FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
   D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.

LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)
- APPROXIMATE EXTENT ON DESTINCT ZONE 1 SAND

0 50 100 150
SCALE IN FEET

N

HALEY & ALDRICH
UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

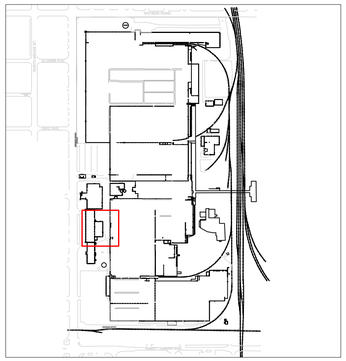
SCREENING RESULTS FOR
AOI-8 FORMER HARD CHROME PLATING LINE,
AOI-9 BARREL, RACK, AND U1 PLATING LINE,
AND AOI-49 BUILDING 4082

SCALE: AS SHOWN

DECEMBER 2004

FIGURE 2A

G:\49017\034 - FE3 Data Analysis, Management & Validation\Data_Package\Database\December 2004 Posting Plan Final.dwg

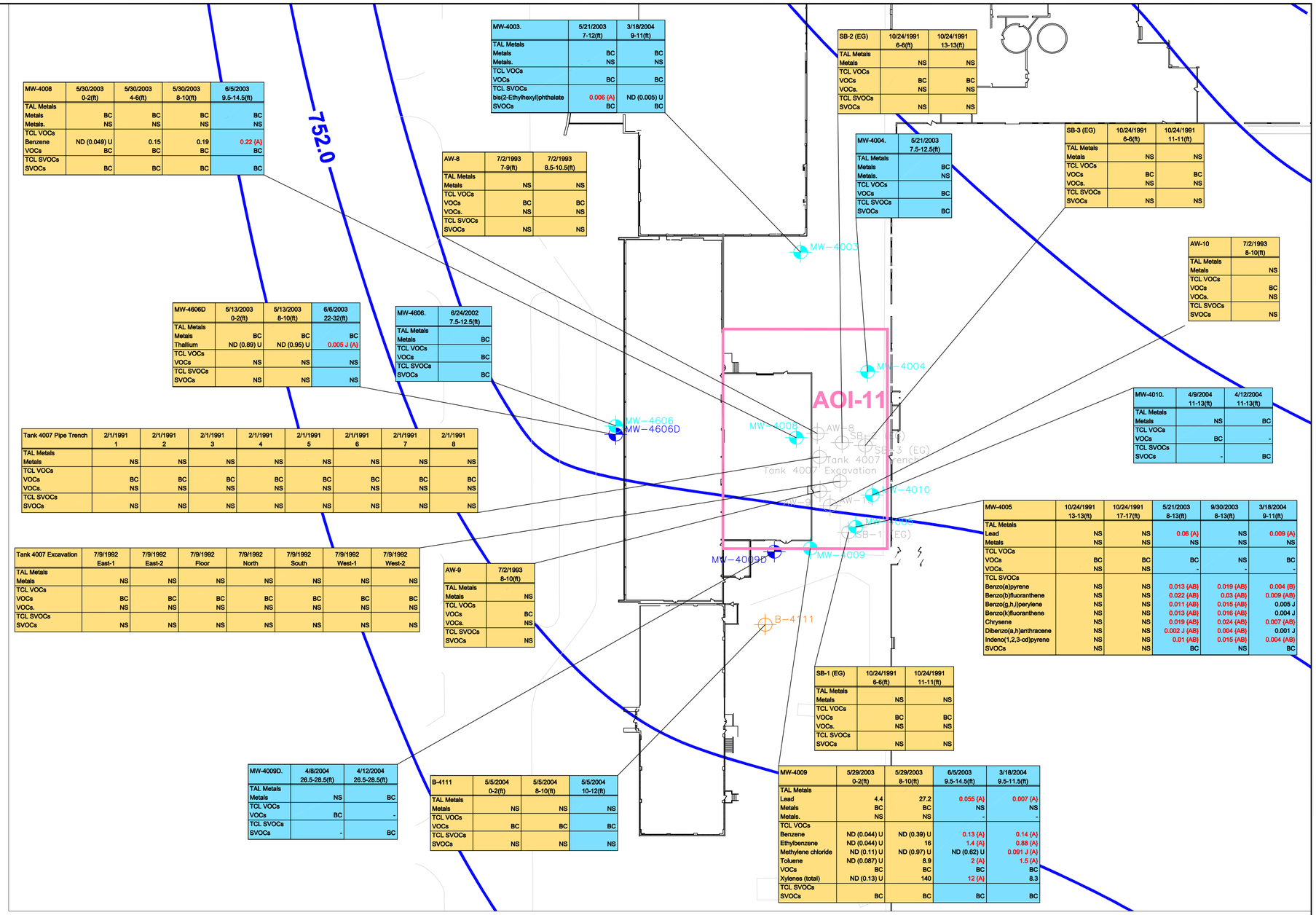


SCREENING CRITERIA FOR SOIL								
Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER								
Constituent	Residential Drinking Water(1) (mg/L)	Industrial Drinking Water(2) (mg/L)	Direct Contact(1,2) (mg/L)	Part 201 Residential Volatization to Indoor Air(1) (mg/L)	Part 201 Industrial Volatization to Indoor Air(2) (mg/L)	Site-Specific Residential Volatization to Indoor Air(1) (mg/L)	Site-Specific Industrial Volatization to Indoor Air(2) (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	68	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	290	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethane	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.



MW-4008	5/30/2003 0-2(ft)	5/30/2003 4-6(ft)	5/30/2003 8-10(ft)	6/5/2003 9.5-14.5(ft)
TAL Metals				
Metals	BC	BC	BC	BC
Metals.	NS	NS	NS	NS
TCL VOCs				
Benzene	ND (0.049) U	0.15	0.19	0.22 (A)
VOCs	BC	BC	BC	BC
TCL SVOCs				
SVOCs	BC	BC	BC	BC

MW-4003.	5/21/2003 7-12(ft)	3/18/2004 9-11(ft)
TAL Metals		
Metals	BC	BC
Metals.	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
bis(2-Ethylhexyl)phthalate	0.006 (A)	ND (0.005) U
SVOCs	BC	BC

SB-2 (EG)	10/24/1991 6-6(ft)	10/24/1991 13-13(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

AW-8	7/2/1993 7-9(ft)	7/2/1993 8.5-10.5(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

MW-4004.	5/21/2003 7.5-12.5(ft)
TAL Metals	
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	BC

SB-3 (EG)	10/24/1991 6-6(ft)	10/24/1991 11-11(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

AW-10	7/2/1993 8-10(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
VOCs.	NS
TCL SVOCs	
SVOCs	NS

MW-4606D	5/13/2003 0-2(ft)	5/13/2003 8-10(ft)	6/6/2003 22-32(ft)
TAL Metals			
Metals	BC	BC	BC
Thallium	ND (0.89) U	ND (0.95) U	0.005 J (A)
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

MW-4606.	6/24/2002 7.5-12.5(ft)
TAL Metals	
Metals	BC
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	BC

MW-4010.	4/9/2004 11-13(ft)	4/12/2004 11-13(ft)
TAL Metals		
Metals	NS	BC
TCL VOCs		
VOCs	BC	-
TCL SVOCs		
SVOCs	-	BC

Tank 4007 Pipe Trench	2/1/1991 1	2/1/1991 2	2/1/1991 3	2/1/1991 4	2/1/1991 5	2/1/1991 6	2/1/1991 7	2/1/1991 8
TAL Metals								
Metals	NS	NS	NS	NS	NS	NS	NS	NS
TCL VOCs								
VOCs	BC	BC	BC	BC	BC	BC	BC	BC
VOCs.	NS	NS	NS	NS	NS	NS	NS	NS
TCL SVOCs								
SVOCs	NS	NS	NS	NS	NS	NS	NS	NS

MW-4005	10/24/1991 13-13(ft)	10/24/1991 17-17(ft)	5/21/2003 8-13(ft)	9/30/2003 8-13(ft)	3/18/2004 9-11(ft)
TAL Metals					
Lead	NS	NS	0.06 (A)	NS	0.009 (A)
Metals	NS	NS	NS	NS	NS
TCL VOCs					
VOCs	BC	BC	BC	NS	BC
VOCs.	NS	NS	-	-	-
TCL SVOCs					
Benzo(a)pyrene	NS	NS	0.013 (AB)	0.019 (AB)	0.004 (B)
Benzo(b)fluoranthene	NS	NS	0.022 (AB)	0.03 (AB)	0.009 (AB)
Benzo(g,h,i)perylene	NS	NS	0.011 (AB)	0.015 (AB)	0.005 J
Benzo(k)fluoranthene	NS	NS	0.013 (AB)	0.016 (AB)	0.004 J
Chrysene	NS	NS	0.019 (AB)	0.024 (AB)	0.007 (AB)
Dibenzo(a,h)anthracene	NS	NS	0.002 J (AB)	0.004 (AB)	0.001 J
Indeno(1,2,3-cd)pyrene	NS	NS	0.01 (AB)	0.015 (AB)	0.004 (AB)
SVOCs	NS	NS	BC	NS	BC

Tank 4007 Excavation	7/9/1992 East-1	7/9/1992 East-2	7/9/1992 Floor	7/9/1992 North	7/9/1992 South	7/9/1992 West-1	7/9/1992 West-2
TAL Metals							
Metals	NS	NS	NS	NS	NS	NS	NS
TCL VOCs							
VOCs	BC	BC	BC	BC	BC	BC	BC
VOCs.	NS	NS	NS	NS	NS	NS	NS
TCL SVOCs							
SVOCs	NS	NS	NS	NS	NS	NS	NS

AW-9	7/2/1993 8-10(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
VOCs.	NS
TCL SVOCs	
SVOCs	NS

SB-1 (EG)	10/24/1991 6-6(ft)	10/24/1991 11-11(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

MW-4009D.	4/8/2004 26.5-28.5(ft)	4/12/2004 26.5-28.5(ft)
TAL Metals		
Metals	NS	BC
TCL VOCs		
VOCs	BC	-
TCL SVOCs		
SVOCs	-	BC

B-4111	5/5/2004 0-2(ft)	5/5/2004 8-10(ft)	5/5/2004 10-12(ft)
TAL Metals			
Metals	NS	NS	NS
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	NS	NS	NS

MW-4009	5/29/2003 0-2(ft)	5/29/2003 8-10(ft)	6/5/2003 9.5-14.5(ft)	3/18/2004 9.5-11.5(ft)
TAL Metals				
Lead	4.4	27.2	0.055 (A)	0.007 (A)
Metals	BC	BC	NS	NS
Metals.	NS	NS	-	-
TCL VOCs				
Benzene	ND (0.044) U	ND (0.39) U	0.13 (A)	0.14 (A)
Ethylbenzene	ND (0.044) U	16	1.4 (A)	0.88 (A)
Methylene chloride	ND (0.11) U	ND (0.97) U	ND (0.62) U	0.091 J (A)
Toluene	ND (0.087) U	8.9	2 (A)	1.5 (A)
VOCs	BC	BC	BC	BC
Xylenes (total)	ND (0.13) U	140	12 (A)	8.3
TCL SVOCs				
SVOCs	BC	BC	BC	BC

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( ) J- INDICATES ESTIMATED REPORTING LIMIT.
   D - USED IN PRE-RFI DATA, INDICATES THE ANALYSIS WAS A DILUTION.
   NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
   FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
   D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.

LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)

0 40 80 120
SCALE IN FEET

- N -

HALLY & ALDRICH
UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR AOI-11 EXECUTIVE GARAGE

SCALE: AS SHOWN

DECEMBER 2004

FIGURE 3A

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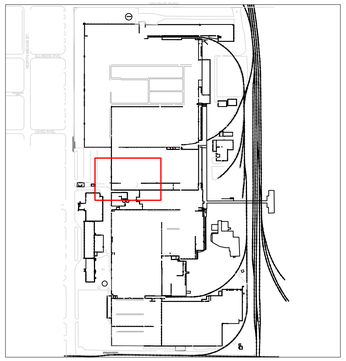
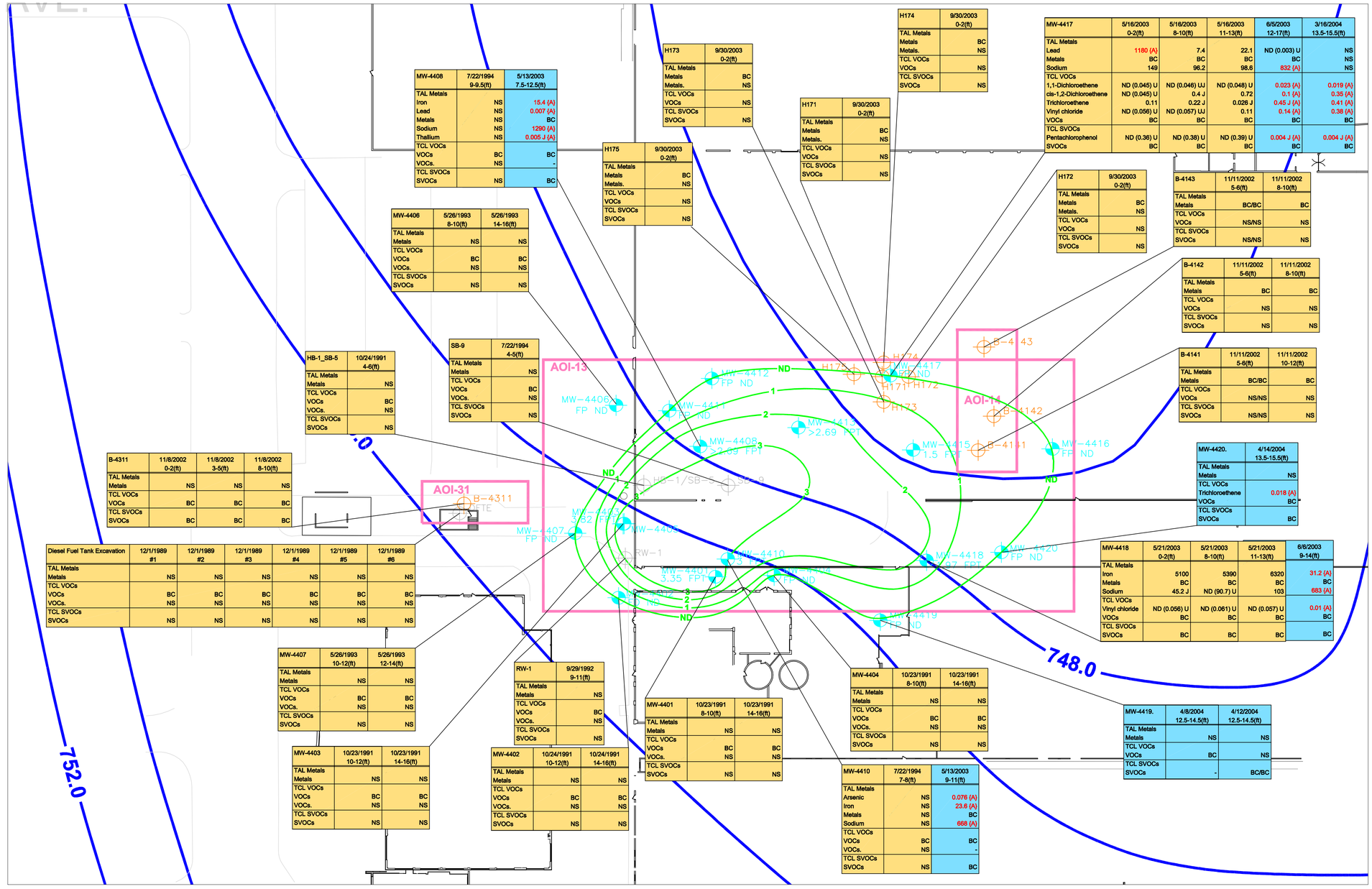


SCREENING CRITERIA FOR SOIL								
Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER								
Constituent	Residential Drinking Water(1) (mg/L)	Industrial Drinking Water(1) (mg/L)	Direct Contact(1,2) (mg/L)	Part 201 Residential Volatization to Indoor Air(1) (mg/L)	Part 201 Industrial Volatization to Indoor Air(2) (mg/L)	Site-Specific Residential Volatization to Indoor Air(1) (mg/L)	Site-Specific Industrial Volatization to Indoor Air(2) (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	68	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	280	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	480	-	-	-	-
Chromium VI	0.1	0.1	480	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethane	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.



MW-4408	7/22/1994 9-9.5(ft)	5/13/2003 7.5-12.5(ft)
TAL Metals		
Iron	NS	15.4 (A)
Lead	NS	0.007 (A)
Metals	NS	BC
Sodium	NS	1290 (A)
Thallium	NS	0.005 J (A)
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	-
TCL SVOCs		
SVOCs	NS	BC

MW-4406	5/26/1993 8-10(ft)	5/26/1993 14-16(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

HB-1_SB-5	10/24/1991 4-6(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
VOCs.	NS
TCL SVOCs	
SVOCs	NS

SB-9	7/22/1994 4-5(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
VOCs.	NS
TCL SVOCs	
SVOCs	NS

B-4311	11/8/2002 0-2(ft)	11/8/2002 3-5(ft)	11/8/2002 8-10(ft)
TAL Metals			
Metals	NS	NS	NS
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

Diesel Fuel Tank Excavation	12/1/1989 #1	12/1/1989 #2	12/1/1989 #3	12/1/1989 #4	12/1/1989 #5	12/1/1989 #6
TAL Metals						
Metals	NS	NS	NS	NS	NS	NS
TCL VOCs						
VOCs	BC	BC	BC	BC	BC	BC
VOCs.	NS	NS	NS	NS	NS	NS
TCL SVOCs						
SVOCs	NS	NS	NS	NS	NS	NS

MW-4407	5/26/1993 10-12(ft)	5/26/1993 12-14(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

MW-4403	10/23/1991 10-12(ft)	10/23/1991 14-16(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

RW-1	9/29/1992 9-11(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
VOCs.	NS
TCL SVOCs	
SVOCs	NS

MW-4402	10/24/1991 10-12(ft)	10/24/1991 14-16(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

H175	9/30/2003 0-2(ft)
TAL Metals	
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

H173	9/30/2003 0-2(ft)
TAL Metals	
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

H171	9/30/2003 0-2(ft)
TAL Metals	
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

H174	9/30/2003 0-2(ft)
TAL Metals	
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

MW-4417	5/16/2003 0-2(ft)	5/16/2003 8-10(ft)	5/16/2003 11-13(ft)	6/5/2003 12-17(ft)	3/16/2004 13.5-15.5(ft)
TAL Metals					
Lead	1180 (A)	7.4	22.1	ND (0.003) U	NS
Metals	BC	BC	BC	BC	NS
Sodium	149	96.2	98.6	832 (A)	NS
TCL VOCs					
1,1-Dichloroethene	ND (0.045) U	ND (0.046) UJ	ND (0.048) U	0.023 (A)	0.019 (A)
cis-1,2-Dichloroethene	ND (0.045) U	0.4 J	0.72	0.1 (A)	0.35 (A)
Trichloroethene	0.11	0.22 J	0.026 J	0.45 J (A)	0.41 (A)
Vinyl chloride	ND (0.056) U	ND (0.057) UJ	0.11	0.14 (A)	0.38 (A)
VOCs	BC	BC	BC	BC	BC
TCL SVOCs					
Pentachlorophenol	ND (0.36) U	ND (0.38) U	ND (0.39) U	0.004 J (A)	0.004 J (A)
SVOCs	BC	BC	BC	BC	BC

H172	9/30/2003 0-2(ft)
TAL Metals	
Metals	BC
Metals.	NS
TCL VOCs	
VOCs	NS
TCL SVOCs	
SVOCs	NS

B-4143	11/11/2002 5-6(ft)	11/11/2002 8-10(ft)
TAL Metals		
Metals	BC/BC	BC
TCL VOCs		
VOCs	NS/NS	NS
TCL SVOCs		
SVOCs	NS/NS	NS

B-4142	11/11/2002 5-6(ft)	11/11/2002 8-10(ft)
TAL Metals		
Metals	BC	BC
TCL VOCs		
VOCs	NS	NS
TCL SVOCs		
SVOCs	NS	NS

B-4141	11/11/2002 5-6(ft)	11/11/2002 10-12(ft)
TAL Metals		
Metals	BC/BC	BC
TCL VOCs		
VOCs	NS/NS	NS
TCL SVOCs		
SVOCs	NS/NS	NS

MW-4420.	4/14/2004 13.5-15.5(ft)
TAL Metals	
Metals	NS
TCL VOCs	
Trichloroethene	0.018 (A)
VOCs	BC
TCL SVOCs	
SVOCs	BC

MW-4418	5/21/2003 0-2(ft)	5/21/2003 8-10(ft)	5/21/2003 11-13(ft)	6/6/2003 9-14(ft)
TAL Metals				
Iron	5100	5390	6320	31.2 (A)
Metals	BC	BC	BC	BC
Sodium	45.2 J	ND (90.7) U	103	683 (A)
TCL VOCs				
Vinyl chloride	ND (0.056) U	ND (0.061) U	ND (0.057) U	0.01 (A)
VOCs	BC	BC	BC	BC
TCL SVOCs				
SVOCs	BC	BC	BC	BC

MW-4401	10/23/1991 8-10(ft)	10/23/1991 14-16(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

MW-4404	10/23/1991 8-10(ft)	10/23/1991 14-16(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	NS
TCL SVOCs		
SVOCs	NS	NS

MW-4410	7/22/1994 7-8(ft)	5/13/2003 9-11(ft)
TAL Metals		
Arsenic	NS	0.076 (A)
Iron	NS	23.6 (A)
Metals	NS	BC
Sodium	NS	668 (A)
TCL VOCs		
VOCs	BC	BC
VOCs.	NS	-
TCL SVOCs		
SVOCs	NS	BC

MW-4419.	4/8/2004 12.5-14.5(ft)	4/12/2004 12.5-14.5(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	NS
TCL SVOCs		
SVOCs	-	BC/BC

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( )J- INDICATES ESTIMATED REPORTING LIMIT.
   D - USED IN PRE-RFI DATA. INDICATES THE ANALYSIS WAS A DILUTION.
   NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
   FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
   D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.

LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)
- FREE PRODUCT THICKNESS ISOCONTOURS BASED ON JUNE 2004 PRODUCT LEVEL MEASUREMENTS

0 40 80 120
SCALE IN FEET

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DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR
AOI-13 GRIDLEY AREA, AOI-14 PHOSPHATER
AND AOI-31 FORMER DIESEL UST (#4052)

SCALE: AS SHOWN

DECEMBER 2004

FIGURE 4A

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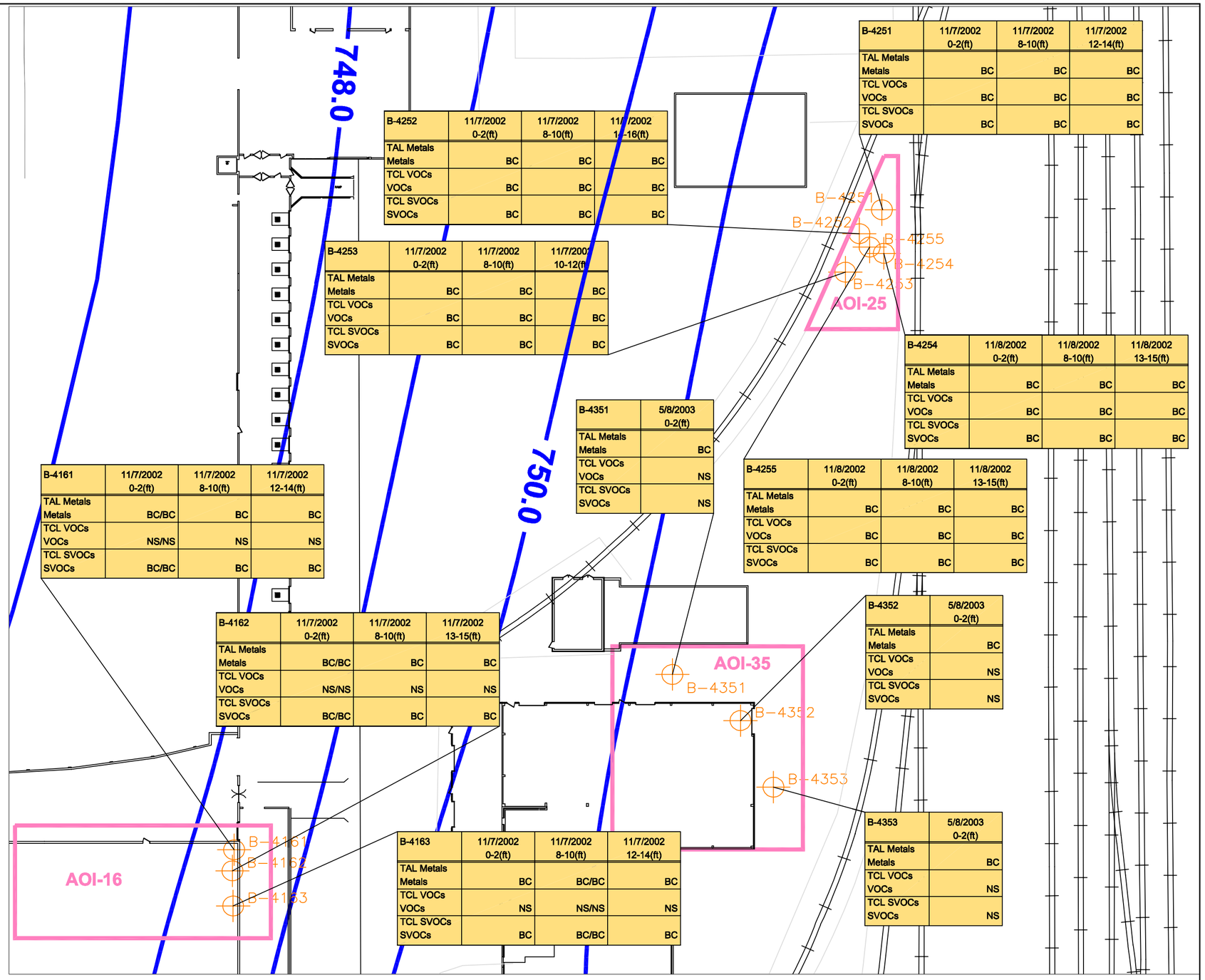
SCREENING CRITERIA FOR SOIL								
Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER							
Constituent	Residential Drinking Water(1) (mg/L)	Industrial Drinking Water(2) (mg/L)	Direct Contact(1,2) (mg/L)	Part 201 Residential Volatization to Indoor Air(1) (mg/L)	Part 201 Industrial Volatization to Indoor Air(2) (mg/L)	Site-Specific Residential Volatization to Indoor Air(1) (mg/L)	Site-Specific Industrial Volatization to Indoor Air(2) (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	68	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	290	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethane	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.



B-4251	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 12-14(ft)
TAL Metals Metals	BC	BC	BC
TCL VOCs VOCs	BC	BC	BC
TCL SVOCs SVOCs	BC	BC	BC

B-4252	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 12-16(ft)
TAL Metals Metals	BC	BC	BC
TCL VOCs VOCs	BC	BC	BC
TCL SVOCs SVOCs	BC	BC	BC

B-4253	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 10-12(ft)
TAL Metals Metals	BC	BC	BC
TCL VOCs VOCs	BC	BC	BC
TCL SVOCs SVOCs	BC	BC	BC

B-4254	11/8/2002 0-2(ft)	11/8/2002 8-10(ft)	11/8/2002 13-15(ft)
TAL Metals Metals	BC	BC	BC
TCL VOCs VOCs	BC	BC	BC
TCL SVOCs SVOCs	BC	BC	BC

B-4351	5/8/2003 0-2(ft)
TAL Metals Metals	BC
TCL VOCs VOCs	NS
TCL SVOCs SVOCs	NS

B-4255	11/8/2002 0-2(ft)	11/8/2002 8-10(ft)	11/8/2002 13-15(ft)
TAL Metals Metals	BC	BC	BC
TCL VOCs VOCs	BC	BC	BC
TCL SVOCs SVOCs	BC	BC	BC

B-4161	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 12-14(ft)
TAL Metals Metals	BC/BC	BC	BC
TCL VOCs VOCs	NS/NS	NS	NS
TCL SVOCs SVOCs	BC/BC	BC	BC

B-4162	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 13-15(ft)
TAL Metals Metals	BC/BC	BC	BC
TCL VOCs VOCs	NS/NS	NS	NS
TCL SVOCs SVOCs	BC/BC	BC	BC

B-4352	5/8/2003 0-2(ft)
TAL Metals Metals	BC
TCL VOCs VOCs	NS
TCL SVOCs SVOCs	NS

B-4353	5/8/2003 0-2(ft)
TAL Metals Metals	BC
TCL VOCs VOCs	NS
TCL SVOCs SVOCs	NS

B-4163	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 12-14(ft)
TAL Metals Metals	BC	BC/BC	BC
TCL VOCs VOCs	NS	NS/NS	NS
TCL SVOCs SVOCs	BC	BC/BC	BC

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( )J- INDICATES ESTIMATED REPORTING LIMIT.
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   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
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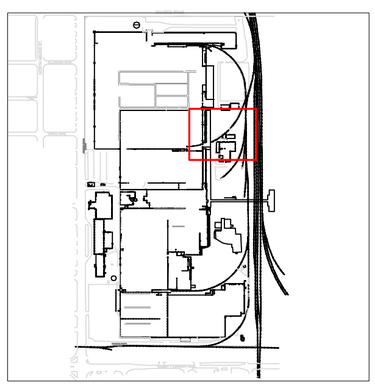
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.



LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)

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DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR AOI-16 UDYLITE PLATING, AOI-25 FORMER FIRE TRAINING AREA, AND AOI-35 GLASS FRITTER

SCALE: AS SHOWN

DECEMBER 2004

FIGURE 5A

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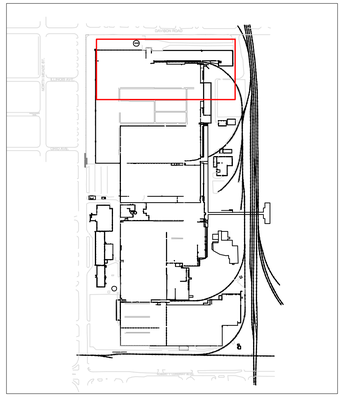

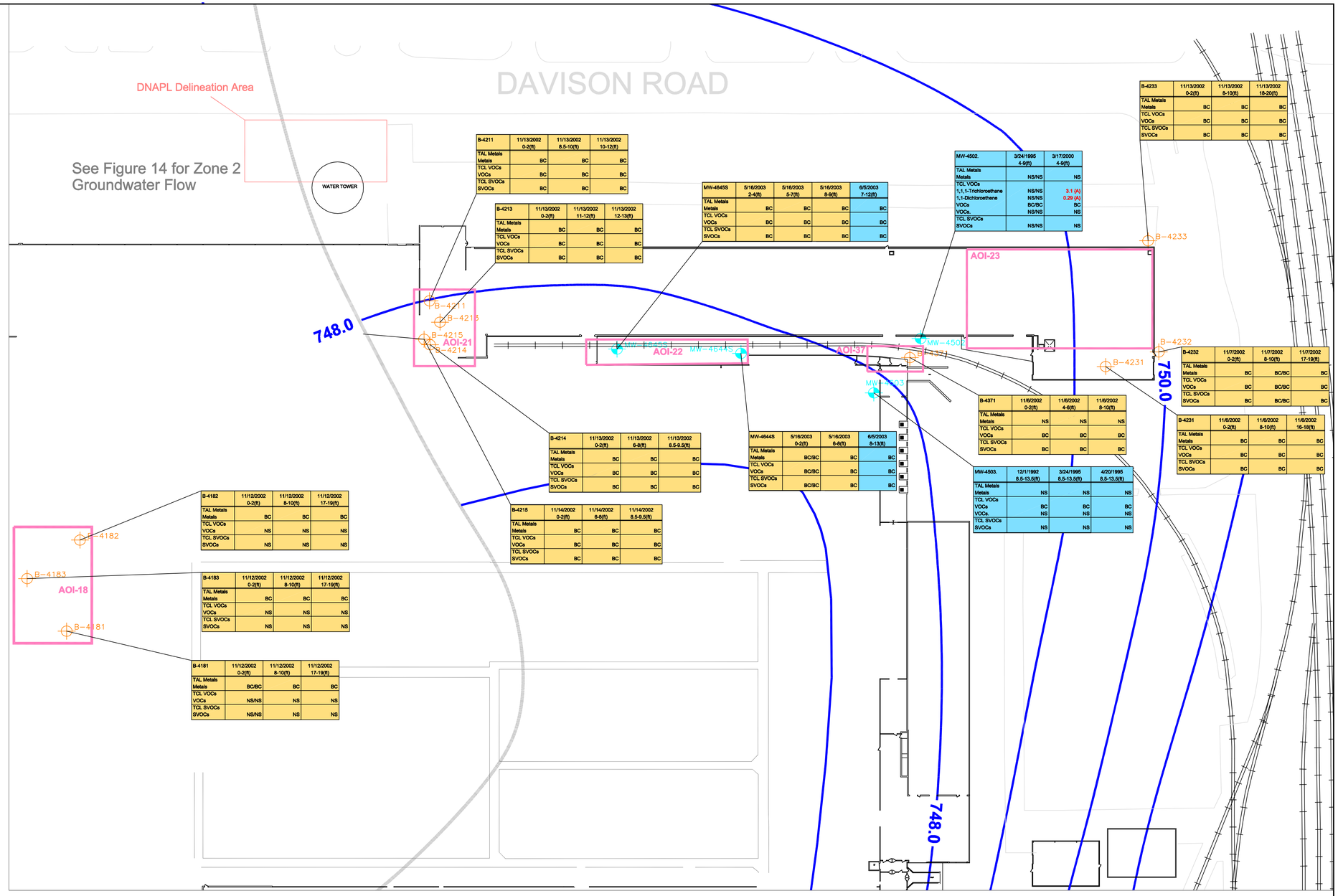

B-4211	11/13/2002 0-2(ft)	11/13/2002 8.5-10(ft)	11/13/2002 10-12(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

B-4213	11/13/2002 0-2(ft)	11/13/2002 11-12(ft)	11/13/2002 12-13(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

MW-4645S	5/16/2003 2-4(ft)	5/16/2003 5-7(ft)	5/16/2003 8-9(ft)	6/5/2003 7-12(ft)
TAL Metals				
Metals	BC	BC	BC	BC
TCL VOCs				
VOCs	BC	BC	BC	BC
TCL SVOCs				
SVOCs	BC	BC	BC	BC

MW-4502.	3/24/1995 4-9(ft)	3/17/2000 4-9(ft)
TAL Metals		
Metals	NS/NS	NS
TCL VOCs		
1,1,1-Trichloroethane	NS/NS	3.1 (A)
1,1-Dichloroethene	NS/NS	0.29 (A)
VOCs	BC/BC	BC
VOCs.	NS/NS	NS
TCL SVOCs		
SVOCs	NS/NS	NS

B-4233	11/13/2002 0-2(ft)	11/13/2002 8-10(ft)	11/13/2002 18-20(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

B-4232	11/7/2002 0-2(ft)	11/7/2002 8-10(ft)	11/7/2002 17-19(ft)
TAL Metals			
Metals	BC	BC/BC	BC
TCL VOCs			
VOCs	BC	BC/BC	BC
TCL SVOCs			
SVOCs	BC	BC/BC	BC

B-4231	11/6/2002 0-2(ft)	11/6/2002 8-10(ft)	11/6/2002 16-18(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

B-4371	11/6/2002 0-2(ft)	11/6/2002 4-6(ft)	11/6/2002 8-10(ft)
TAL Metals			
Metals	NS	NS	NS
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

MW-4503.	12/1/1992 8.5-13.5(ft)	3/24/1995 8.5-13.5(ft)	4/20/1995 8.5-13.5(ft)
TAL Metals			
Metals	NS	NS	NS
TCL VOCs			
VOCs	BC	BC	BC
VOCs.	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

B-4214	11/13/2002 0-2(ft)	11/13/2002 6-8(ft)	11/13/2002 8.5-9.5(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

MW-4644S	5/16/2003 0-2(ft)	5/16/2003 6-8(ft)	6/5/2003 8-13(ft)
TAL Metals			
Metals	BC/BC	BC	BC
TCL VOCs			
VOCs	BC/BC	BC	BC
TCL SVOCs			
SVOCs	BC/BC	BC	BC

B-4215	11/14/2002 0-2(ft)	11/14/2002 6-8(ft)	11/14/2002 8.5-9.5(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	BC	BC	BC
TCL SVOCs			
SVOCs	BC	BC	BC

B-4182	11/12/2002 0-2(ft)	11/12/2002 8-10(ft)	11/12/2002 17-19(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

B-4183	11/12/2002 0-2(ft)	11/12/2002 8-10(ft)	11/12/2002 17-19(ft)
TAL Metals			
Metals	BC	BC	BC
TCL VOCs			
VOCs	NS	NS	NS
TCL SVOCs			
SVOCs	NS	NS	NS

B-4181	11/12/2002 0-2(ft)	11/12/2002 8-10(ft)	11/12/2002 17-19(ft)
TAL Metals			
Metals	BC/BC	BC	BC
TCL VOCs			
VOCs	NS/NS	NS	NS
TCL SVOCs			
SVOCs	NS/NS	NS	NS

SCREENING CRITERIA FOR SOIL

Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatilization to Indoor Air (mg/kg)	Site-Specific Industrial Volatilization to Indoor Air (mg/kg)	Industrial Volatilization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER

Constituent	Residential Drinking Water(1) (mg/L)	Industrial Drinking Water(2) (mg/L)	Direct Contact(1,2) (mg/L)	Part 201 Residential Volatilization to Indoor Air(1) (mg/L)	Part 201 Industrial Volatilization to Indoor Air(2) (mg/L)	Site-Specific Residential Volatilization to Indoor Air(1) (mg/L)	Site-Specific Industrial Volatilization to Indoor Air(2) (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	88	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	290	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethene	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	46.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	158,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( )J- INDICATES ESTIMATED REPORTING LIMIT.
   D - USED IN PRE-RFI DATA, INDICATES THE ANALYSIS WAS A DILUTION.
   NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
   FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
   D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.

LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)
- APPROXIMATE EXTENT ON DESTINCT ZONE 1 SAND

0 50 100 150
SCALE IN FEET

HALEY & ALDRICH
UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR AOI-18 FORMER ZINC DICHROMATE PLATING LINES, AOI-21 USED OIL UST TANKS #4024 & #4025, AOI-22 CHIP COLLECTION AREA, AOI-23 AUTOMATIC SCREW MACHINE BASEMENT, AND AOI-37 FORMER USED VISCOR UST

SCALE: AS SHOWN
DECEMBER 2004

FIGURE 6A

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