

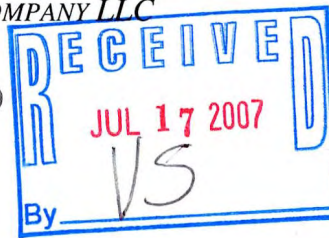
TEMCO

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

July 16, 2007

FID# 241222520

02-41-184802



Ms. Victoria Stovall
Environmental Program Associate
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

RE: Request for Approval for Off-site Disposal of Contaminated Soil From The Pioneer Neighborhood Redevelopment Project Site At A Response Action Site (Lime Pit Property) ~ West Allis, Wisconsin

Dear Ms. Stovall:

On behalf of the City of West Allis Community Development Authority (CDA), THE ENVIRONMENTAL MANAGEMENT COMPANY LLC (TEMCO) requests WDNR approval to dispose contaminated soil fill to be excavated from the Pioneer Neighborhood Redevelopment Project Site (PN Site) at the Lime Pit property.

The PN Site is located in West Allis, Wisconsin and is bounded by West National Avenue on the north and the Union Pacific Railroad on the south. The site extends approximately one-half block west of South 80th Street and one-half block east of South 78th Street. The Lime Pit property is located approximately 1 mile southeast of the PN Site and is bounded by the Union Pacific railroad trackbed on the north, the City of West Allis Fire Station #2 on the south, Becher Place on the east, and South 67th Place and St. Augustine Catholic Church and School on the west.

Both the PN Site and the Lime Pit property are owned by the City of West Allis CDA. The above referenced WDNR approval is requested to facilitate redevelopment of the PN Site, which may require net export of on-site soil to accommodate underground parking facilities. An estimated maximum of 5,000 tons of soil fill contaminated with low levels of PAH and several RCRA metals may require disposal at an off-site location if the final redevelopment plan does not allow replacement and management of all excavated soil on the PN Site.

The Lime Pit property is currently being prepared for future light industrial redevelopment. The only soil contamination on the Lime Pit property which exceeds RCL's (recommended) are PAH compounds, which are widely distributed throughout the site. The highest PAH levels occur in shallow soil fill in the former lime slurry pit areas (southwestern corner of the site and the south eastern and eastern areas of the site).

The West Allis CDA seeks WDNR approval under WAC NR 718.13 to place the soil fill from the PN Site contaminated with low levels of PAH compounds and several RCRA metals on the Lime Pit property in the former lime slurry pit areas. A summary of the contamination levels of soil which may be exported from the PN Site, together with the relevant analytical data table and site figures, is included in this submittal.

A summary of the distribution of contaminants in shallow soil at the PN Site follows:

- Volatile Organic Compounds (VOC) (reference Tables 1(TEMCO) and 1 (Symbiont) and Figure 3). The only VOC found on the site above regulatory standards is petroleum and chlorinated solvent (likely sourced from parts cleaning) soil and groundwater contamination below the floor and adjacent to the west wall of the garage building located in the northeast corner of the site. The petroleum VOC is residual contamination remaining from a former LUST case in which all accessible contaminated soil (approximately 3,000 tons) and 3,500+ gallons of contaminated groundwater were removed from the site. This residual and the chlorinated solvent soil contamination will be removed from the site for disposal at a commercial landfill following demolition of the garage building. This remediation will provide the basis for closure of the currently open ERP case on the site.
 - Polyaromatic Hydrocarbons (reference Tables 3 (TEMCO) and 1 (Symbiont) and Figure 3)
 - Soil with recommended RCL exceedances of PAH compounds and layers containing foundry sand, where present, are contained in the upper eight (8) feet of the soil profile at the site, primarily along the southern boundary of the site, in the western part of the site, and in the north-central part of the site.
 - The only building in the site redevelopment plan (Figure A1.2) which will be constructed with underground parking facilities is the "U-shaped" independent living building in the western part of the site adjacent to South 80th Street. Referring to Figure 3, this area is virtually devoid of PAH soil contamination, except along the south property line, which will be developed as driveway and surface parking areas. As such, little if any of the soil excavated for construction of the independent living building will require management as contaminated soil. The estimated maximum 5,000 tons cited above is intended to cover soil excavated from utility trenches, parking/driveway areas to allow placement of a granular base layer, spread footing trenches for slab-on-grade buildings, etc. in areas of the site where PAH contamination of shallow soil exceeds recommended RCL's.
- It is likely that some of the shallow, PAH contaminated soil described above will be replaced and managed on-site beneath a structure or pavement. Approval for disposal of this soil at the Lime Pit is, however, required as a contingency in the event that the volume of PAH contaminated soil which must be excavated exceeds the volume which can be replaced and managed on-site.
- Metals (reference Table 2 (TEMCO) and Table 1 (Symbiont) and Figure 3)
 - Arsenic levels in shallow soil are generally low single-digit mg/kg levels typical of urban soils in southeastern Wisconsin. These levels are generally considered background values. The only

exceptions found were arsenic levels of 24.6 mg/kg in SSB5 and 11.3 in SSB4 in the western part of the site. This area of the site will be developed as part of the parking lot of a new bank.

- Lead levels in shallow site soil are generally below 100 mg/kg except at SSB4 in the western part of the site and SB-9 in the central part of the site. Both of these areas will be paved during site redevelopment.

- Soil which requires excavation in the areas containing high metals levels during site redevelopment will be replaced and managed on-site beneath pavement or disposed off-site in a commercial landfill.

Also attached is a Lime Pit Property figure showing the area where the soil fill will be placed, spread, and compacted. The accompanying soil contaminant distribution figure and analytical data tables show the high levels of PAH compounds in the former lime slurry pit areas. The northeast corner of the site, which was a former lime slurry pit area, has been reserved from filling temporarily. The City of West Allis is planning to place high capacity sanitary and storm sewer trunk lines on the Lime Pit property along the north property boundary. Relevant information concerning soil and groundwater conditions at the Lime Pit Property is contained in the Site Investigation Report prepared and submitted to WDNR by TEMCO in March 2006.

TEMCO has evaluated this soil fill placement plan with the requirements of WAC NR 718.13 (2) through (9), and believes the plan conforms with all of the listed conditions.

Placement of contaminated soil fill from the Pioneer Neighborhood Redevelopment Project on the nearby Lime Pit site, if required by excavated soil volume in excess of the amount that can be replaced and managed on-site, will be very beneficial to redevelopment of both properties. Excess soil from the PN Site represents a portion of the fill needed to level the Lime Pit site prior to redevelopment.

The Remedial Action Plan for the Lime Pit property will specify placement of a cap over areas containing PAH contaminants in the direct contact zone above recommended industrial RCL's. These areas include virtually all of the former lime slurry pit areas and small portions of the central, western and northern parts of the site. The site capping will likely take the form of industrial buildings, pavement above parking lots and walkways, and clay soil in landscape areas.

Ms. Victoria Stovall
July 16, 2007
Page 4

Please contact the undersigned with questions or if further information is needed. Thank you for your assistance in facilitating this important redevelopment project in the City of West Allis.

Sincerely,

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC



Jeffrey L. Hosler
Senior Hydrogeologist
Principal

Enclosures

cc: Mr. John F. Stibal - City of West Allis
Mr. Patrick Schloss - City of West Allis

Table 1.5
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Novak Property (Lime Pit)
West Allis, Wisconsin
Soil Analytical Results Table: PolyChlorinated Biphenyls (PCB)
All Contaminants Shown in mg/kg

Sample ID	Sample Date	Depth (feet bgs)	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
SB-6	02/20/04	0 - 4	<0.0158	<0.0316	<0.0548	<0.0122	<0.0377	<0.0548	<0.0852
SB-7	02/20/04	0 - 4	<0.0507	<0.0788	<0.101	<0.0349	<0.0113	<0.0293	<0.0146
SB-8	02/20/04	0 - 4	<0.0023	<0.00299	<0.0322	<0.00597	<0.0207	<0.0103	<0.00712
SB-9	02/20/04	0 - 4	<0.0024	<0.054	<0.00744	<0.0108	<0.00624	<0.00312	<0.084
MW-8	08/09/04	2-3	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061
MW-14	08/09/04	4-6	<0.1	<0.1	<0.1	<0.1	<0.1	0.26	<0.1

mg/kg = milligrams per kilogram

March 7, 2006

Table 1.4
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Novak Property (Lime Pit)
West Allis, Wisconsin

Soil Analytical Results Table: Metals
All contaminants shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
SB-6	02/20/04	0 - 4	<3	69	<0.6	19.6	62.4	0.080	<3	<3
SB-7	02/20/04	0 - 4	3.06	42.6	<0.6	8.99	32.1	0.137	<3	<3
SB-8	02/20/04	0 - 4	<3	34.3	<0.6	9.95	41.3	0.1957	<3	<3
SB-9	02/20/04	0 - 4	3.18	54.2	<0.6	16.8	65.4	0.047	<3	<3
SB-12	05/27/04	0 - 4	4.0	42	0.67	10.0	19	0.031	<0.5	<0.25
SB-18	05/27/04	4 - 8	1.1	1.1	<0.25	2.6	<0.25	<0.02	0.84	<0.25
SB-22	05/27/04	4 - 8	7.1	36	0.95	8.2	26	0.055	<0.5	<0.25
Residual Contaminant Levels		Industrial	1.6	---	510	---	500	---	---	---

Outlined = Exceeds Residual Contaminant Level

March 7, 2006

Table 1.2
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results
Diesel Range Organics (DRO) & Gasoline Range Organics (GRO)
Novak Property (Lime Pit)
West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Feet (bgs)	DRO (mg/kg)	GRO (mg/kg)
SB-1	02/20/04	0 - 4	160	<10
SB-2	02/20/04	0 - 4	58	<10
SB-3	02/20/04	0 - 4	14	<10
SB-4	02/20/04	0 - 4	190	<10
SB-5	02/20/04	0 - 4	28	<10
SB-6	02/20/04	0 - 4	450	11
SB-7	02/20/04	0 - 4	450	<10
SB-8	02/20/04	0 - 4	350	<10
SB-9	02/20/04	0 - 4	200	<10
SB-10	02/20/04	0 - 4	84	<10
Residual Contaminant Level (RCL)			100	100

bgs = below ground surface

outlined = exceeds RCL

March 22, 2004

Table 1.3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Novak Site (Lime Pit), West Allis, Wisconsin
All Contaminants Shown In (mg/kg)

Sample ID	Sample Date	Depth (feet bgs)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
SB-1	02/20/04	0 - 4	<0.056	2.9	3	6.2	8.4	6.2	6.6	2.7	6.9	1.6	12	0.83 ^J	5.9	<0.094	<0.044	<0.078	6.4	11
SB-2	02/20/04	0 - 4	<0.28	<0.32	0.77 ^J	1 ^J	1.1^J	1.5	0.46 ^J	<0.45	0.89 ^J	<0.47	2.4	<0.32	<0.56	<0.47	<0.22	<0.39	1.7	2.1
SB-3	02/20/04	0 - 4	<0.028	<0.032	<0.046	0.04 ^J	0.045 ^J	0.09 ^J	<0.032	<0.045	<0.046	<0.047	0.084 ^J	<0.032	<0.056	<0.047	<0.022	<0.039	0.041 ^J	0.079 ^J
SB-4	02/20/04	0 - 4	<0.56	<0.64	1.04 ^J	1.6 ^J	1.6^J	2.3 ^J	<0.64	<0.9	1.6 ^J	<0.94	3.8	<0.64	<1.12	<0.94	<0.44	<0.78	2.2^J	3.4
SB-5	02/20/04	0 - 4	<0.14	<0.16	<0.23	0.53 ^J	0.6^J	1	0.22 ^J	0.25 ^J	0.64 ^J	<0.235	1.1	<0.16	<0.28	<0.235	<0.11	<0.195	0.43 ^J	0.98
SB-6	02/20/04	0 - 4	15	<1.6	29	23	21	25	9.2	9.8	23	2.9^J	50	19	9.4	4.8 ^J	9.5	37	59	45
SB-7	02/20/04	0 - 4	<1.4	1.9^J	5.1 ^J	11	14	16	6.2	7.8	12	<2.35	22	1.6 ^J	6^J	<2.35	<1.1	<1.95	11	19
SB-8	02/20/04	0 - 4	20	2.5^J	49	75	46	90	30	30	68	9.7	180	25	32	2.7 ^J	2.9 ^J	5^J	150	170
SB-9	02/20/04	0 - 4	3.1 ^J	<1.6	11	16	15^J	20	5.7	5.2 ^J	16	<2.35	33	4.4 ^J	6.4^J	<2.35	<1.1	<1.95	24	29
SB-10	02/20/04	0 - 4	<1.4	<1.6	6.2 ^J	11	11	13	3.9 ^J	4.2 ^J	11	<2.35	21	1.9 ^J	4.6^J	<2.35	<1.1	<1.95	13	18
SB-11	05/27/04	0 - 4	7.4 ^J	<3.2	17	32	26	31	15	14	30	<4.7	76	8.7 ^J	14^J	<4.7	<2.2	<3.9	54	69
SB-12	05/27/04	0 - 4	18	4^J	66	99	80	94	43	41	90	13^J	180	29	40	<4.7	<2.2	<3.9	140	170
SB-13	05/27/04	0 - 3	6.9	3.6^J	23	41	35	49	17	19	40	5.6^J	69	8.1	17	<2.35	<1.1	<1.95	53	71
SB-14	05/27/04	0 - 4	<0.028	0.035 ^J	<0.046	0.092 ^J	0.11 ^J	0.17	<0.032	0.064 ^J	0.11 ^J	<0.047	0.2	<0.032	<0.056	<0.047	<0.022	<0.039	0.13	0.2
SB-15	05/27/04	0 - 4	<0.028	0.056 ^J	<0.046	0.14	0.16	0.25	0.084 ^J	0.091 ^J	0.18	<0.047	0.32	<0.032	0.081 ^J	<0.047	<0.022	<0.039	0.14	0.34
SB-16	05/27/04	0 - 4	<0.028	<0.032	0.053 ^J	0.11	0.095 ^J	0.14	0.033 ^J	<0.045	0.11 ^J	<0.047	0.24	<0.032	<0.056	<0.047	<0.022	<0.039	0.15	0.26
SB-17	05/27/04	0 - 4	<0.028	<0.032	<0.046	<0.033	<0.043	<0.042	<0.032	<0.045	<0.046	<0.047	0.047 ^J	<0.032	<0.056	<0.047	<0.022	<0.039	<0.036	0.050 ^J
SB-18	05/27/04	0 - 4	<0.28	<0.32	<0.46	0.91 ^J	0.9^J	1.2 ^J	0.32 ^J	0.47 ^J	0.88 ^J	<0.47	1.9	<0.32	<0.56	<0.47	<0.22	<0.39	1.2	2.0
SB-18	05/27/04	4 - 8	<0.028	0.069 ^J	<0.046	0.15	0.26	0.33	0.11	0.1 ^J	0.16	<0.047	0.2	<0.032	0.11 ^J	<0.047	<0.022	<0.039	0.1 ^J	0.26
Recommended Residual Contaminant Level		GW DC-I	38 60000	0.7 360	3000 300000	17 3.9	48 0.39	360 3.9	6800 39	870 39	37 390	38 0.39	500 40000	100 40000	680 3.9	23 70000	20 40000	0.4 110	1.8 390	8700 30000

mg/kg = milligrams per kilogram GW = groundwater pathway J = Analyte detected between LOD and LOQ DC-I = direct contact pathway, industrial
 Bold & Outlined = Exceeds 1 or more of the Recommended Residual Contaminant Levels

January 18, 2007

Table 1.3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Novak Site (Lime Pit), West Allis, Wisconsin
All Contaminants Shown In (mg/kg)

Sample ID	Sample Date	Depth (feet bgs)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
SB-19	05/27/04	0 - 4	<1.4	<1.6	3 ^J	4.2^J	3.6^J	4.2^J	1.6 ^J	<2.25	4.5 ^J	<2.35	11	<1.6	<2.8	<2.35	<1.1	<1.95	11	11
SB-20	05/27/04	0 - 4	1.3 ^J	<0.64	3.8	5.6	5.1	6.1	2.3	2.5 ^J	5.3	<0.94	12	1.7 ^J	2.4 ^J	<0.94	<0.44	<0.78	12	12
SB-21	05/27/04	0 - 3	7.4 ^J	<3.2	23	46	39	48	17	20	44	5.7^J	90	7.8 ^J	17	<4.7	<2.2	<3.9	58	91
SB-22	05/27/04	4 - 8	0.2	0.055 ^J	0.57	0.98	0.88	1.2	0.26	0.41	0.92	0.09 ^J	1.6	0.25	0.28	<0.047	0.031 ^J	0.04 ^J	1.3	1.7
SB-23	05/27/04	0 - 4	<0.028	<0.032	0.11 ^J	0.42	0.43	0.65	0.14	0.21	0.46	0.057 ^J	0.83	<0.032	0.16 ^J	<0.047	<0.022	<0.039	0.39	0.99
SB-24	05/27/04	3 - 4	<0.028	<0.032	<0.046	<0.033	<0.043	<0.042	<0.032	<0.045	<0.046	<0.047	<0.030	<0.032	<0.056	<0.047	<0.022	<0.039	<0.036	<0.039
SB-25	05/27/04	0 - 4	<0.028	<0.032	<0.046	<0.033	<0.043	<0.042	<0.032	<0.045	<0.046	<0.047	<0.030	<0.032	<0.056	<0.047	<0.022	<0.039	<0.036	<0.039
SB-26	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-27	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	0.0081 ^J	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-28	01/09/07	3 - 4	<0.017	<0.019	0.013 ^J	0.029 ^J	0.023 ^J	0.038	0.021 ^J	0.017 ^J	0.035 ^J	<0.011	0.074	<0.0095	0.014 ^J	<0.011	<0.012	<0.017	0.033	0.055
SB-29	01/09/07	2 - 3	<0.017	<0.019	0.036	0.038	0.026 ^J	0.040	0.023 ^J	<0.014	0.045 ^J	<0.011	0.068	0.011 ^J	0.013 ^J	0.059	0.043	<0.017	0.260	0.068
SB-30	01/09/07	5 - 6	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-31	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-32	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-33	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-34	01/09/07	5 - 6	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-35	01/09/07	3 - 4	<0.017	<0.019	<0.011	0.013 ^J	<0.0081	0.0098 ^J	<0.0085	<0.014	<0.020	<0.011	0.021 ^J	<0.0095	<0.0095	<0.011	<0.012	<0.017	0.014 ^J	0.018 ^J
SB-36	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-37	01/09/07	3 - 4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0075	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
Recommended Residual Contaminant Level		GW DC-I	38 60000	0.7 360	3000 300000	17 3.9	48 0.39	360 3.9	6800 39	870 39	37 390	38 0.39	500 40000	100 40000	680 3.9	23 70000	20 40000	0.4 110	1.8 390	8700 30000

mg/kg = milligrams per kilogram

GW = groundwater pathway

J = Analyte detected between LOD and LOQ

DC-I = direct contact pathway, industrial

Bold & Outlined = Exceeds 1 or more of the Recommended Residual Contaminant Levels

January 18, 2007

Table 1.3
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
Novak Site (Lime Pit), West Allis, Wisconsin
All Contaminants Shown In (mg/kg)

Sample ID	Sample Date	Depth (feet bgs)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
MW-1	08/02/04	18 - 20	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	0.022 ^J	<0.058
MW-2	08/02/04	12 - 14	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-3	08/02/04	9 - 11	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-4	08/03/04	12 - 14	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-5	08/03/04	13.5 - 14	0.097 ^J	<0.042	0.2	0.34	0.32	0.41	0.11 ^J	0.12 ^J	0.33	<0.076	0.83	0.14	0.13 ^J	0.048 ^J	<0.072	0.31	0.75	0.74
MW-6	08/03/04	15 - 17	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-7	08/03/04	3 - 5	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-8	08/09/04	2-3	0.110 ^J	0.310	0.410	1.20	1.30	1.80	0.30	0.95	1.50	0.12 ^J	3.40	0.17	0.310	0.041 ^J	<0.072	0.078 ^J	1.40	3.0
MW-8	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-9	08/09/04	8.5-9	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-10	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-11	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
MW-12	08/09/04	4-6	1.4	0.24	5.7 ^J	11.0	9.7	12.0	4.6 ^J	4.1 ^J	11.0	0.63	28.0	2.3 ^J	4.3^J	0.210	0.240	0.60	20.0	24.0
MW-13	08/09/04	4-6	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	0.021 ^J	<0.058
MW-14	08/09/04	4-6	0.370	<0.042	0.170	0.380	0.380	0.380	<0.082	0.270	0.430	<0.076	0.800	0.240	0.074 ^J	0.110 ^J	0.220 ^J	0.180	0.680	0.930
Recommended Residual Contaminant Level		GW DC-I	38 60000	0.7 360	3000 300000	17 3.9	48 0.39	360 3.9	6800 39	870 39	37 390	38 0.39	500 40000	100 40000	680 3.9	23 70000	20 40000	0.4 110	1.8 390	8700 30000

mg/kg = milligrams per kilogram

GW = groundwater pathway

J = Analyte detected between LOD and LOQ

DC-I = direct contact pathway, industrial

Bold & Outlined = Exceeds 1 or more of the Recommended Residual Contaminant Levels

January 18, 2007

Table 1.1
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Volatile Organic Compounds (VOC)
Novak Site (Lime Pit) - West Allis, Wisconsin
All Contaminants Shown In mg/kg • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Ben zene	tert-Butyl benzene	sec-Butyl benzene	n-Butyl benzene	1,2-DCA	1,1-DCE	Ethyl benzene	Iso propyl benzene	p-Isopropyl toluene	1,4-DCB	Methy lene chloride	Naph thalene	n-Propyl benzene	Tol uene	1,1,1-TCA	PCE	TCE	1,2,4-TMB	1,3,5-TMB	Vinyl Chloride	Xy lenes	
SB-1	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-2	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-3	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-4	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.038 ^J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-5	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-6	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	130	<0.025	0.029	<0.025	<0.025	<0.025	<0.025	0.037	<0.025	<0.025	0.032
SB-7	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.157	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-8	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.54	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-9	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.257	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-10	2/20/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.069	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-11	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.33	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-12	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	1.33	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-13	5/27/04	0 - 3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	2.46	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-14	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.025 ^J	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-15	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-18	5/27/04	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.107	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-19	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.338	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-20	5/27/04	0 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.633	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-22	5/27/04	4 - 8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.32	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-24	5/27/04	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Residual Contaminant Levels			0.0055	-	-	-	0.0049	-	2.9	-	-	-	-	0.4†	-	1.5	-	-	-	-	-	-	-	4.1

mg/kg = milligrams per kilogram

† = recommended RCL

Bold & Outlined = exceeds RCL

J = Analyte detected between LOD and LOQ

January 18, 2007

Table 1.1
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Volatile Organic Compounds (VOC)
Novak Site (Lime Pit) - West Allis, Wisconsin
All Contaminants Shown In mg/kg • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Ben zene	tert-Butyl benzene	sec-Butyl benzene	n-Butyl benzene	1,2-DCA	1,1-DCE	Ethyl benzene	Iso propyl benzene	p-Isopropyl toluene	1,4-DCB	Methy lene chloride	Naph thalen e	n-Propyl benzene	Tol uene	1,1,1-TCA	PCE	TCE	1,2,4-TMB	1,3,5-TMB	Vinyl Chloride	Xy lenes
SB-26	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-27	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-28	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-29	01/09/07	2 - 3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-30	01/09/07	5 - 6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-31	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-32	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.049 ^J	<0.025	<0.025	<0.025	<0.025	<0.025
SB-33	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-34	01/09/07	5 - 6	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-35	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-36	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
SB-37	01/09/07	3 - 4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Residual Contaminant Levels			0.0055	-	-	-	0.0049	-	2.9	-	-	-	-	0.4†	-	1.5	-	-	-	-	-	-	4.1

mg/kg = milligrams per kilogram

† = recommended RCL

Bold & Outlined = exceeds RCL

J = Analyte detected between LOD and LOQ

January 18, 2007

Table 2
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Laidlaw Bus Company Site - West Allis, Wisconsin ~ Soil Analytical Results Table: Metals
All contaminants shown in mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
SB-1	04/28/06	1.5 - 2.0	5.9	NA	NA	NA	18	NA	NA	NA
SB-9	04/28/06	2.5 - 3.0	7.6	NA	NA	NA	930	NA	NA	NA
SB-10	04/28/06	3.0 - 3.5	4.9	NA	NA	NA	10	NA	NA	NA
SB-11	04/28/06	5.5 - 6.5	4.9	NA	NA	NA	11	NA	NA	NA
SB-12	05/01/06	1.5 - 2.5	3.8	NA	NA	NA	26	NA	NA	NA
SB-13	05/01/06	1.5 - 2.0	5.0	NA	NA	NA	41	NA	NA	NA
SB-14	05/01/06	1.5 - 2.5	4.0	NA	NA	NA	9.2	NA	NA	NA
SB-15	05/01/06	1.5 - 2.5	4.2	NA	NA	NA	11	NA	NA	NA
Residual Contaminant Levels		NI I	0.039 1.6	---	8 510	16,000 ---	50 500	---	---	---

NI = non-industrial

I = industrial

NA = not analyzed

Bold & Outlined = Exceeds RCL

February 1, 2007

Table 1
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
Soil Sample Analytical Results - Volatile Organic Compounds (VOC)
Laidlaw Bus Company Site - West Allis, Wisconsin
All Contaminants Shown In mg/kg (milligrams per kilogram) • Only Contaminants With Detects Shown

Sample ID	Sample Date	Feet (bgs)	Benzene	sec-Butyl benzene	n-Butyl benzene	1,2-DCA	Ethyl benzene	Isopropyl benzene	p-Iso propyl toluene	Methylene chloride	Naphthalene	n-Propyl benzene	Tetra chloro ethene	Toluene	1,1,1-TCA	TCE	1,2,4-TMB	1,3,5-TMB	PCE	Vinyl Chloride	Xylenes	
SB-1	04/28/06	1.5-2.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-1	04/28/06	10-12	<0.025	0.055	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-2	04/28/06	5.0-6.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-3	04/28/06	1.5-2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-4	04/28/06	4-5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-5	04/28/06	4-5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-6	04/28/06	3-4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-7	04/28/06	2-3	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-8	04/28/06	6-8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-8	04/28/06	12.5-13	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-9	04/28/06	2.5-3.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-10	04/28/06	3.0-3.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-11	04/28/06	5.5-6.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-12	05/01/06	1.5-2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-13	05/01/06	1.5-2.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.240	<0.025	<0.025	<0.025	0.064	<0.025	<0.025	<0.050
SB-14	05/01/06	1.5-2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
SB-15	05/01/06	1.5-2.5	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.050
Residual Contaminant Levels			0.0055	-	-	0.0049	2.9	-	-	-	0.4†	-	-	1.5	-	-	-	-	-	-	-	4.1

† = recommended RCL Bold & Outlined = exceeds RCL Bold & Italics = exceeds NR 746.06(2)(b) Table 1 levels (indicators of potential free product) or NR 746.06(2)(c) Table 2 levels (indicates unsafe for human contact)
J = Analyte detected between LOD and LOQ * Possible lab contamination reported by lab

May 15, 2006

Table 3
 THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
 Soil Sample Analytical Results - PolyAromatic Hydrocarbons (PAH)
 Laidlaw Bus Company Site - West Allis, Wisconsin
 All Contaminants Shown In mg/kg (milligrams per kilogram)

Sample ID	Sample Date	Depth (feet bgs)	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
SB-1	04/28/06	1.5-2.0	<0.017	<0.019	<0.011	0.013 ^J	0.011^J	0.043	0.019 ^J	<0.014	0.025 ^J	<0.011	0.025	<0.0095	0.016 ^J	<0.011	<0.012	<0.017	0.013 ^J	0.018 ^J
SB-1	04/28/06	5.5-6.5	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-2	04/28/06	5.0-6.5	<0.017	<0.019	<0.011	0.025 ^J	0.018^J	0.054	0.026 ^J	<0.014	0.045 ^J	<0.011	0.082	<0.0095	0.015 ^J	0.047	0.043	0.037 ^J	0.102	0.063
SB-3	04/28/06	1.5-2.5	<0.017	<0.019	<0.011	0.013 ^J	<0.0081	0.015 ^J	<0.0085	<0.014	<0.020	<0.011	0.018 ^J	<0.0095	<0.0095	0.032 ^J	0.028 ^J	0.023 ^J	0.057	0.019 ^J
SB-4	04/28/06	4-5	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-5	04/28/06	4-5	<0.017	0.394	0.516	2.040	2.080	2.620	0.998	0.774	1.630	0.158	5.720	0.088	0.892	0.072	0.060 ^J	0.080 ^J	2.080	5.900
SB-6	04/28/06	3-4	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-7	04/28/06	2-3	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-8	04/28/06	6-8	<0.017	0.019 ^J	0.061	0.276	0.258	0.742	0.255	0.179	0.424	0.081	0.701	0.021 ^J	0.203	0.024 ^J	0.017 ^J	0.023 ^J	0.371	0.498
SB-8	04/28/06	12.5-13	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-9	04/28/06	2.5-3	<0.017	0.054 ^J	0.036	0.554	0.527	0.977	0.280	0.298	0.548	0.060	1.190	<0.0095	0.305	<0.011	<0.012	<0.017	0.133	0.883
SB-10	04/28/06	3-3.5	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-11	04/28/06	5.5-6.5	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	0.013 ^J	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-12	05/01/06	1.5-2.5	<0.017	<0.019	<0.011	0.020 ^J	0.013^J	0.047	0.018 ^J	<0.014	0.039 ^J	<0.011	0.063	<0.0095	0.011 ^J	0.025 ^J	0.020 ^J	<0.017	0.060	0.044
SB-13	05/01/06	1.5-2.0	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-14	05/01/06	1.5-2.5	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
SB-15	05/01/06	1.5-2.5	<0.017	<0.019	<0.011	<0.012	<0.0081	<0.0081	<0.0085	<0.014	<0.020	<0.011	<0.0074	<0.0095	<0.0095	<0.011	<0.012	<0.017	<0.0089	<0.011
Suggested Residual Contaminant Level		GW	38	0.7	3000	17	48	360	6800	870	37	38	500	100	680	23	20	0.4	1.8	8700
		DC-NI	900	18	5000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1100	600	20	18	500
		DC-I	60000	360	300000	3.9	0.39	3.9	39	39	390	0.39	40000	40000	3.9	70000	40000	110	390	30000

GW = groundwater pathway DC-NI = direct contact pathway, non-industrial J = Analyte detected between LOD and LOQ DC-I = direct contact pathway, industrial
 Bolded & Outlined = Exceeds 1 or more of the Suggested Residual Contaminant Levels

May 15, 2006

Table 1. Soil Analysis - Detected Constituents
Phase II ESA
"Pioneer Neighborhood"/Former Advertoprint Inc. Facility
West Allis, WI

Chemical Name	Concentration (mg/kg dry)	HP-1 (2'-4')	HP-2 (2'-4')	HP-3 (0'-2')	HP-5 (2'-4')	HP-7 (0'-2')	HP-7 (2'-4')	SB-1 (2'-4')	SB-2 (2'-4')	SB-2 (4'-6')	SB-3 (2'-3')	SB-3 (3'-4')	SB-3 (4'-6')	SB-4 (2'-3')	SB-4 (4'-6')	SB-5 (1'-2')	SB-5 (4'-6')	SB-6 (0'-2') ^{014, 017}	SB-6 (4'-6')	SB-7 (0'-1.5')	SB-7 (1.5'-4')
	RCL																				
DATE		8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006	8/31/2006
APPARENT SUBSURFACE LAYER		Native (saturated)	Native (saturated)	Native (partially saturated)	Native (saturated)	Mix of Historic Fill and Native (partially saturated)	Native (saturated)	Native (partially saturated)	Historic Fill (partially saturated)	Native (saturated)	Historic Fill (unsaturated)	Native (partially saturated)	Native (saturated)	Historic Fill (unsaturated)	Native (saturated)	Historic Fill (unsaturated)	Native (partially saturated)	Historic/Normal Fill Mix (unsaturated)	Native (unsaturated)	Historic/Normal Fill Mix (unsaturated)	Native (unsaturated)
VOCs - EPA Method 8260B																					
No Detected Constituents		ND	ND	---	ND	---	ND	ND	---	ND	---	ND	---	---	---	---	ND	---	ND	---	ND
PAHs - EPA Method 8310																					
Benzo(a)anthracene	0.088 (DC)	---	---	<0.600	---	<0.603	---	---	<0.678	---	<0.565	---	<0.573	0.934	<0.603	<0.470	---	<0.126	---	<0.562	---
Benzo(a)pyrene	0.0088 (DC)	---	---	<0.060	---	<0.0603	---	---	<0.0678	---	0.216	---	<0.0573	1.040	<0.0603	<0.0470	---	0.021	---	0.507	---
Benzo(b)fluoranthene	0.088 (DC)	---	---	<0.600	---	<0.603	---	---	<0.678	---	<0.565	---	<0.573	0.952	<0.603	<0.470	---	<0.126	---	<0.562	---
Fluoranthene	500 (G)	---	---	<1.200	---	<1.210	---	---	<1.360	---	<1.130	---	<1.150	1.660	<1.120	<0.941	---	<0.251	---	<1.120	---
Indeno(1,2,3-cd)pyrene	0.088 (DC)	---	---	<0.600	---	<0.603	---	---	<0.678	---	<0.565	---	<0.573	0.813	<0.603	<0.470	---	<0.126	---	<0.562	---
Pyrene	500 (DC)	---	---	<1.200	---	<1.210	---	---	<1.360	---	<1.130	---	<1.150	1.41	<1.120	<0.941	---	<0.251	---	<1.120	---
RCRA Metals - EPA Method 6010B/ 7471A (Mercury)																					
Arsenic	0.43 (DC)	---	---	---	---	---	---	---	---	---	7.31	---	6.07	11.3	5.05	24.6	---	---	---	---	4.46
Barium	330 (G)	---	---	---	---	---	---	---	---	---	98.9	---	47.8	214	46.1	137	---	---	---	---	50.9
Cadmium	0.75 (G)	---	---	---	---	---	---	---	---	---	<0.565	---	<0.573	0.712	<0.603	<0.561	---	---	---	---	1.40
Chromium	NE	---	---	---	---	---	---	---	---	---	4.53	---	17.8	8.05	18.5	7.51	---	---	---	---	12.7
Lead	50 (DC)	---	---	---	---	---	---	---	---	---	27.2	---	10.8	185	8.43	59.8	---	---	---	---	76.8
Mercury	0.21 (G)	---	---	---	---	---	---	---	---	---	<0.0181	---	<0.0158	0.0488	0.0254	0.474	---	---	---	---	0.176
GENERAL CHEMISTRY																					
Percent Solids (%)	NE	84.3	86.3	83.4	81.4	82.9	85.4	87.7	82.5	76.5	88.5	79.8	87.2	79.4	82.9	89.2	85.0	79.9	83.5	88.9	82.3

NOTES:

⁰¹⁴ - One or more surrogate recoveries were below the laboratory established control limits

⁰¹⁷ - Upon concentration of the sample extract, a tar-like substance formed. The filterable portion of the extract was analyzed and the tar substance was discarded. Quantitation is based on the per-filtered extract volume (1mL).

RCL = Residual Contaminant Level for non-industrial sites per chapter NR 720 Wisconsin Administrative Code (c. NR 720 WAC).

Applicable generic RCLs calculated per c. NR 720 WAC procedures and Interim Guidance, WDNR, Bureau of Remediation and Redevelopment, April 1997 (Publication RR-519-97)

* - RCL calculated using U.S. EPA soil screening website as per WDNR publication Pub-RR-682

VOCs - Volatile Organic Compounds.

PAHs - Polynuclear Aromatic Hydrocarbons

All concentrations presented in mg/kg - milligrams per kilogram

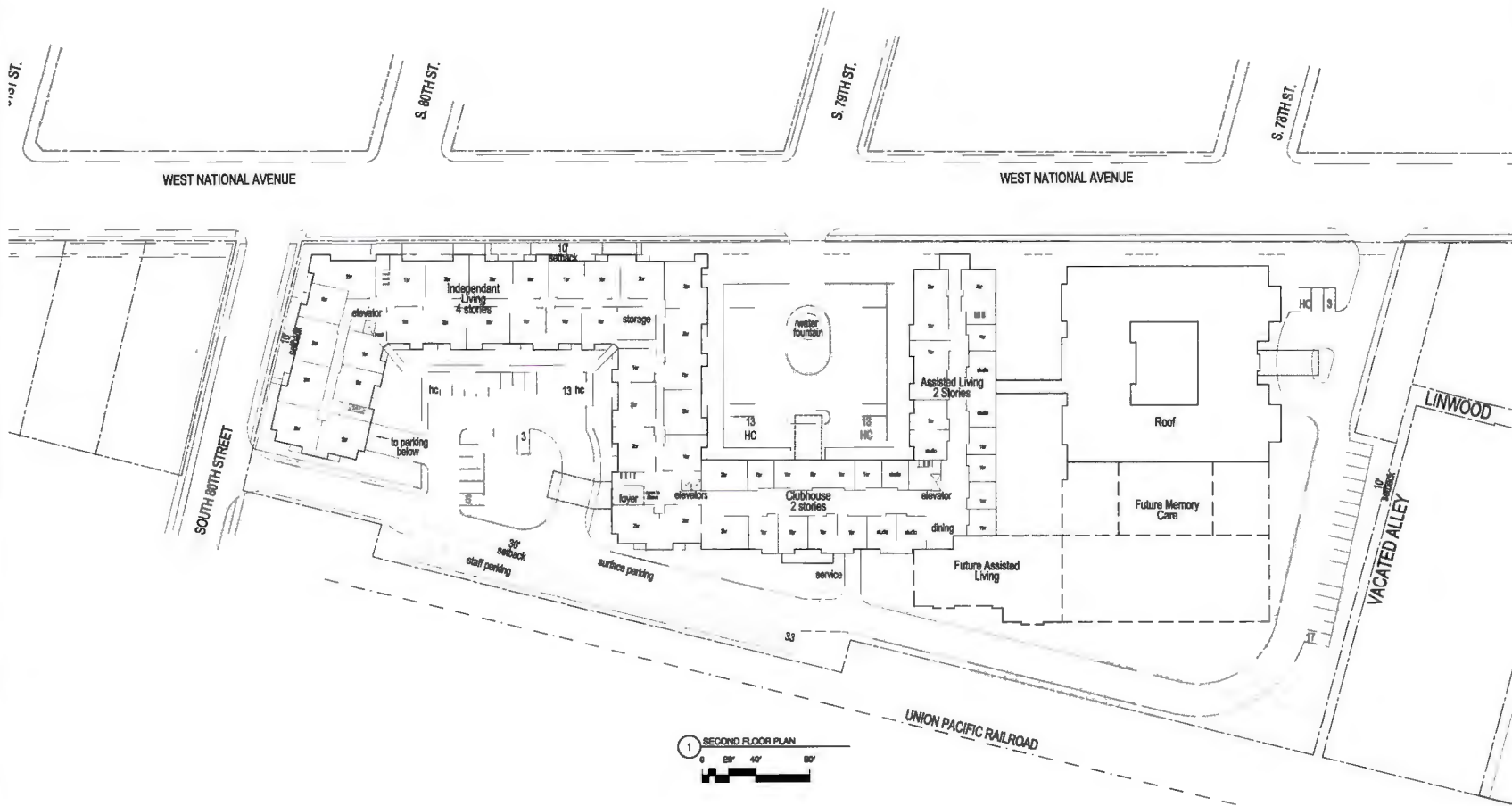
(DC) - Direct contact RCL

(I) - Inhalation RCL

(G) - Protection of Groundwater RCL

--- Sample not analyzed for this constituent.

ND = No detected constituents



1 SECOND FLOOR PLAN
 0 20' 40' 80'

**DIMENSION IV
 MADISON**

Architecture
 Engineering
 Interior Design

313 West Baltimore Hwy., Suite 101
 Madison, WI 53713
 phone (608) 225-4444 fax (608) 225-4445

MSP - WEST ALLIS

WEST NATIONAL AVENUE
 WEST ALLIS, WI

DATE OF ISSUE: 07/08/07

REVISIONS:
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

PROJECT NO: MARKET

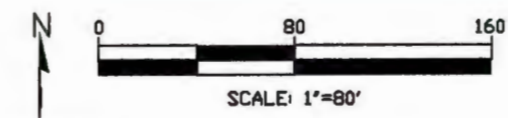
SECOND FLOOR PLAN

A1.2

- TEMCO SOIL BORING
- RMT SOIL BORING
- SYMBIONT SOIL BORING
- ⊕ TEMCO TEMP WELL
- ⊕ TEMCO MONITORING WELL
- ⊕ FORMER RMT MONITORING WELL
- ⊕ SYMBIONT TEMP WELL



FIGURE 2
SOIL BORING & MONITORING
WELL LOCATIONS



THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 04/13/07	DRAWN BY: TJM
LOCATION: PIONEER NEIGHBORHOOD CITY OF WEST ALLIS	

- TEMCO SOIL BORING
- RMT SOIL BORING
- SYMBIONT SOIL BORING
- ⊕ TEMCO TEMP WELL
- ⊕ TEMCO MONITORING WELL
- ⊕ FORMER RMT MONITORING WELL
- ⊕ SYMBIONT TEMP WELL

CONTAMINANT		RCL GW	RCL DC-NI
ARS	ARSENIC		0.039
CAD	CADMIUM		8
LEAD	LEAD		50
B(a)P	BENZ(a)PYRENE	48	0.0088
B(a)A	BENZ(a)ANTHRACENE	17	0.088
B(b)F	BENZ(b)FLUORANTHENE	360	0.088
DOA	DIBENZ(a,h)ANTHRACENE	38	0.0088
IOP	INDEN(1,2,3-cd)PYRENE	680	0.088
PHEN	PHENANTHRENE	18	18
		RCL	
BEN	BENZENE		0.0055
ETH	ETHYL BENZENE		2.9
XYL	XYLENE		4.1
TOL	TOLUENE		1.5
NAP	NAPHTHALENE		0.4
1,1DCA	1,1 DICHLORDETHANE		-
TCE	TRICHLORDETHANE		-
1,1,1T	1,1,1 TRICHLORDETHANE		-
VC	VINYL CHLORIDE		-

ALL CONTAMINANTS SHOWN IN mg/kg
 ONLY RESIDUAL CONTAMINANT LEVEL EXCEEDANCES SHOWN FOR PETROLEUM VOC, PAH, AND METALS

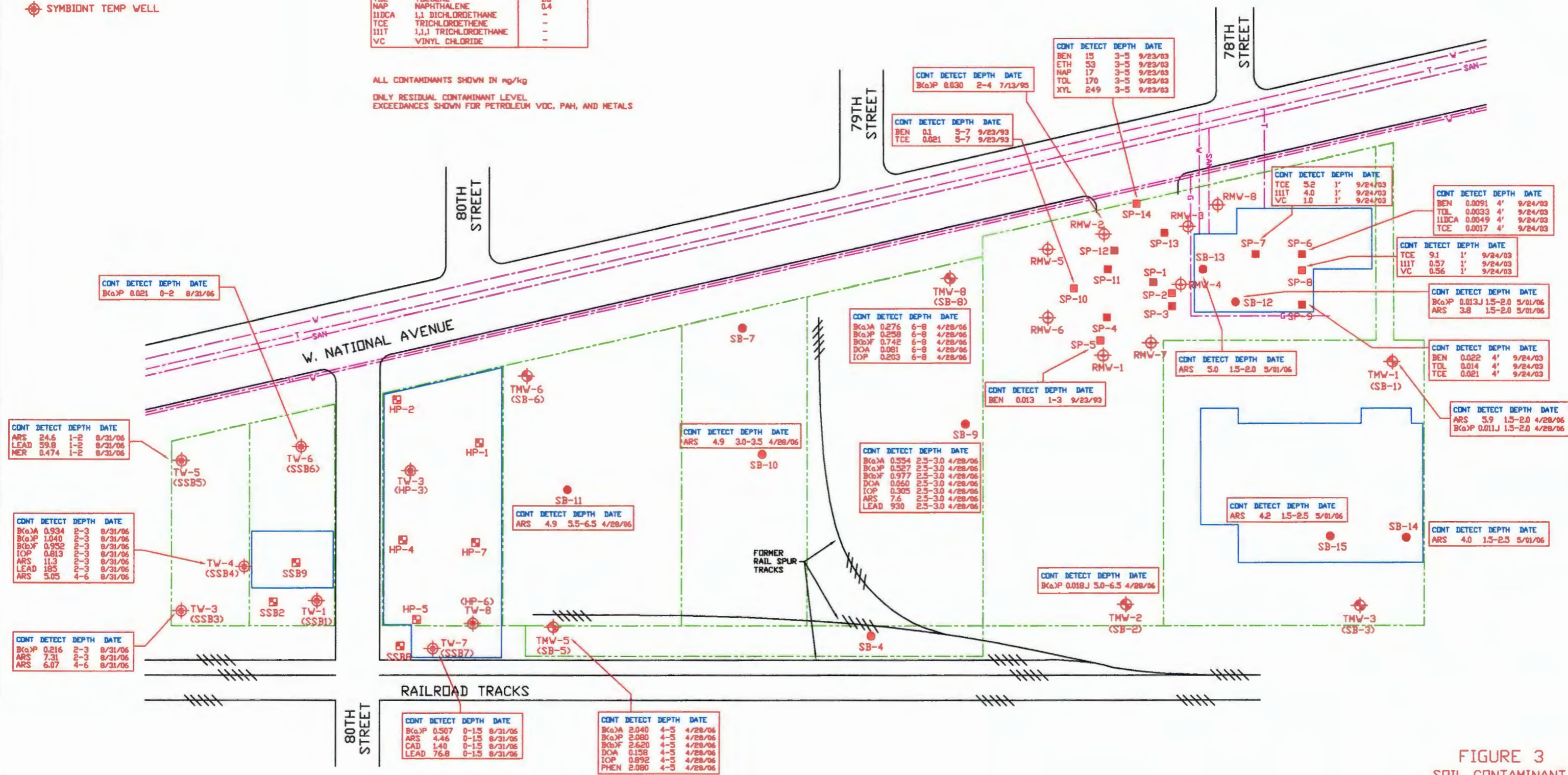
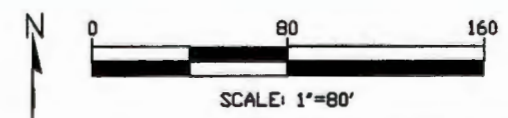
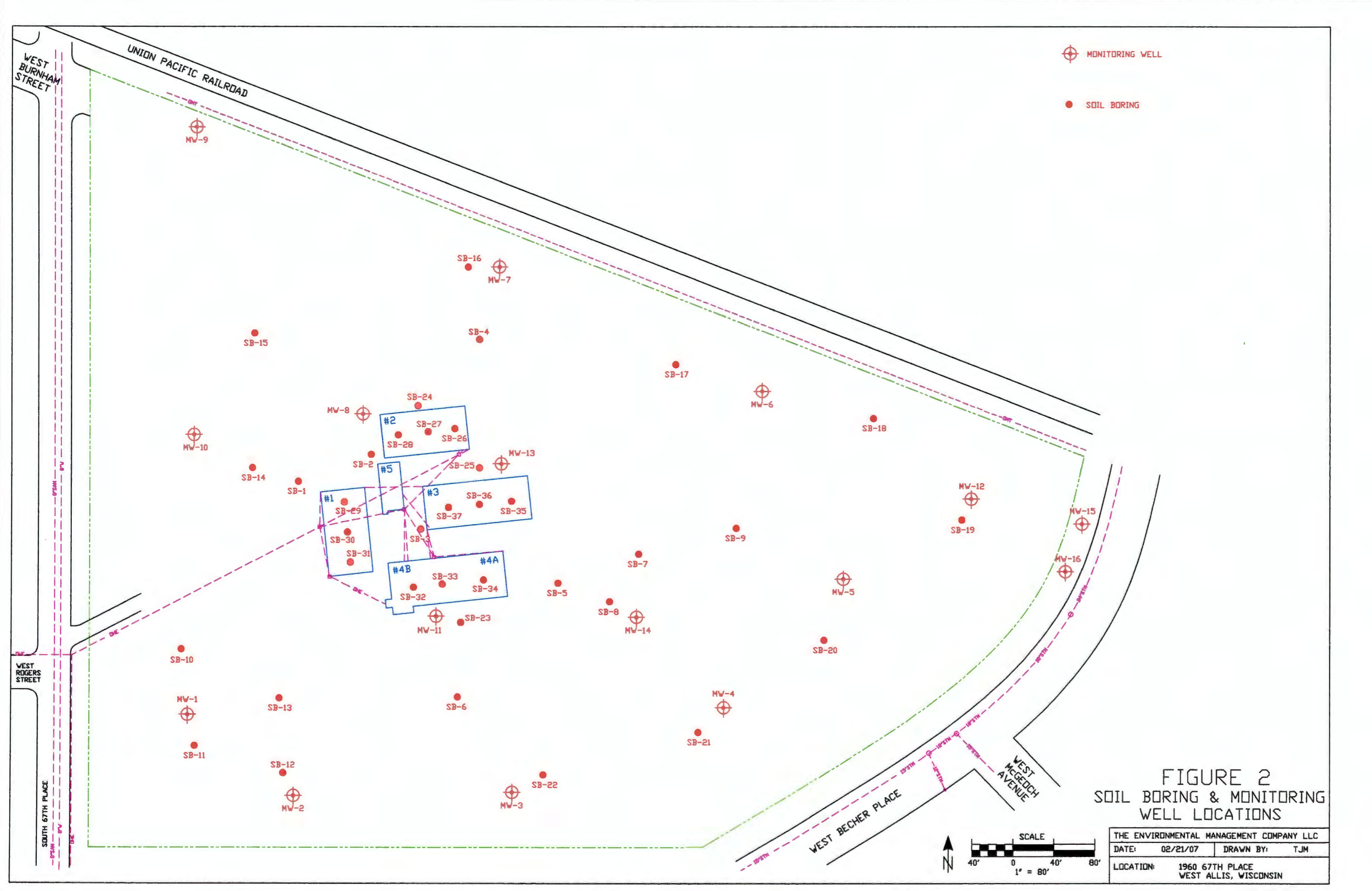


FIGURE 3
 SOIL CONTAMINANT
 DISTRIBUTION



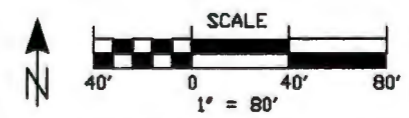
THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 04/13/07	DRAWN BY: TJM
LOCATION: PIONEER NEIGHBORHOOD CITY OF WEST ALLIS	

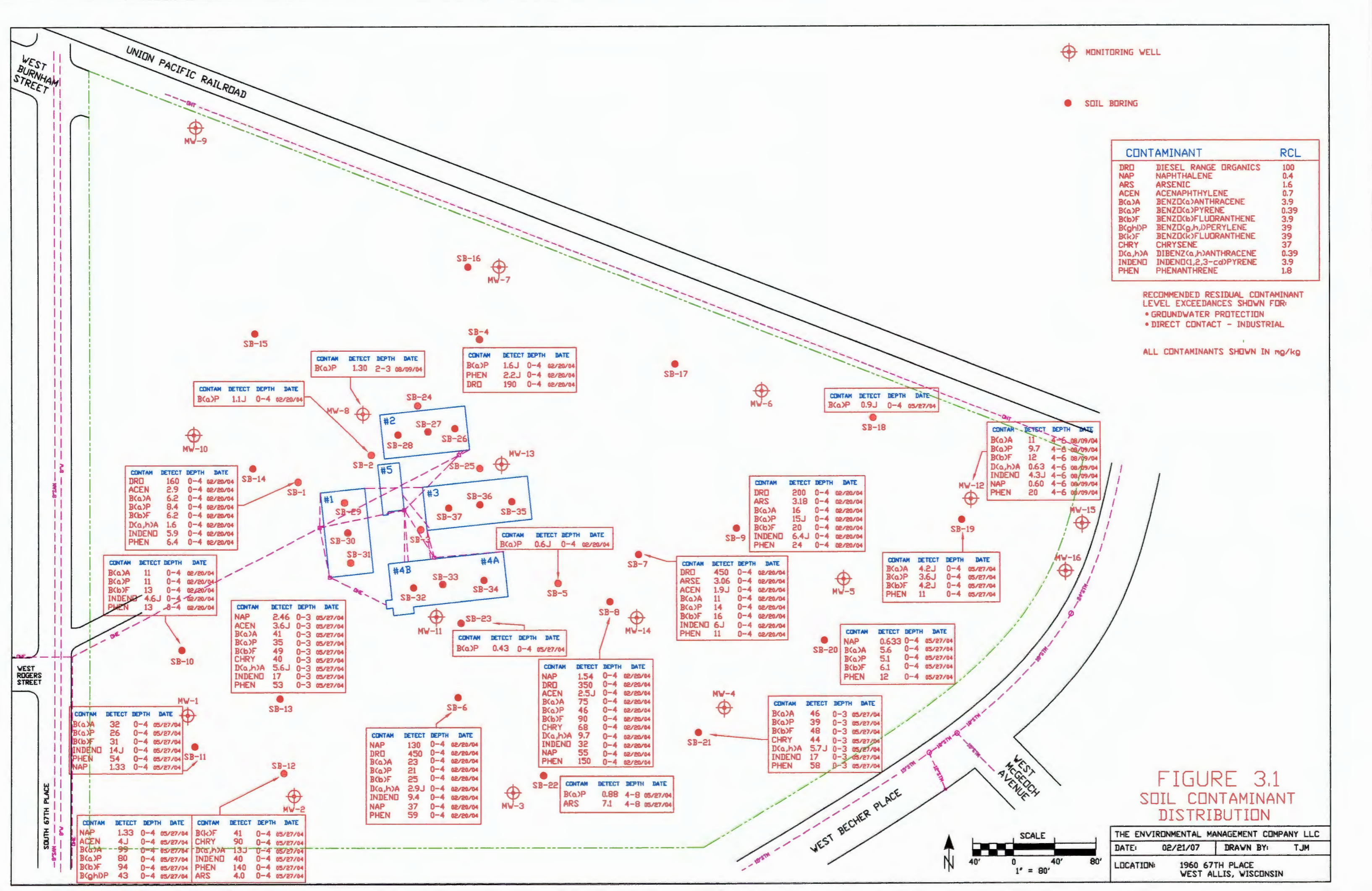


MONITORING WELL
 SOIL BORING

FIGURE 2
SOIL BORING & MONITORING
WELL LOCATIONS

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC		
DATE:	02/21/07	DRAWN BY: TJM
LOCATION:	1960 67TH PLACE WEST ALLIS, WISCONSIN	





CONTAMINANT		RCL
DRD	DIESEL RANGE ORGANICS	100
NAP	NAPHTHALENE	0.4
ARS	ARSENIC	1.6
ACEN	ACENAPHTHYLENE	0.7
B(a)A	BENZ(a)ANTHRACENE	3.9
B(a)P	BENZ(a)PYRENE	0.39
B(b)F	BENZ(b)FLUORANTHENE	3.9
B(gh)P	BENZ(g,h,i)PERYLENE	39
B(k)F	BENZ(k)FLUORANTHENE	39
CHRY	CHRYSENE	37
D(a,h)A	DIBENZ(a,h)ANTHRACENE	0.39
INDENO	INDENO(1,2,3-cd)PYRENE	3.9
PHEN	PHENANTHRENE	1.8

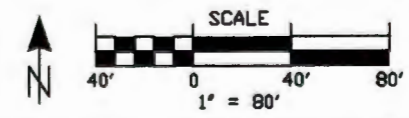
RECOMMENDED RESIDUAL CONTAMINANT LEVEL EXCEEDANCES SHOWN FOR:
 • GROUNDWATER PROTECTION
 • DIRECT CONTACT - INDUSTRIAL

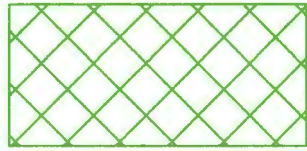
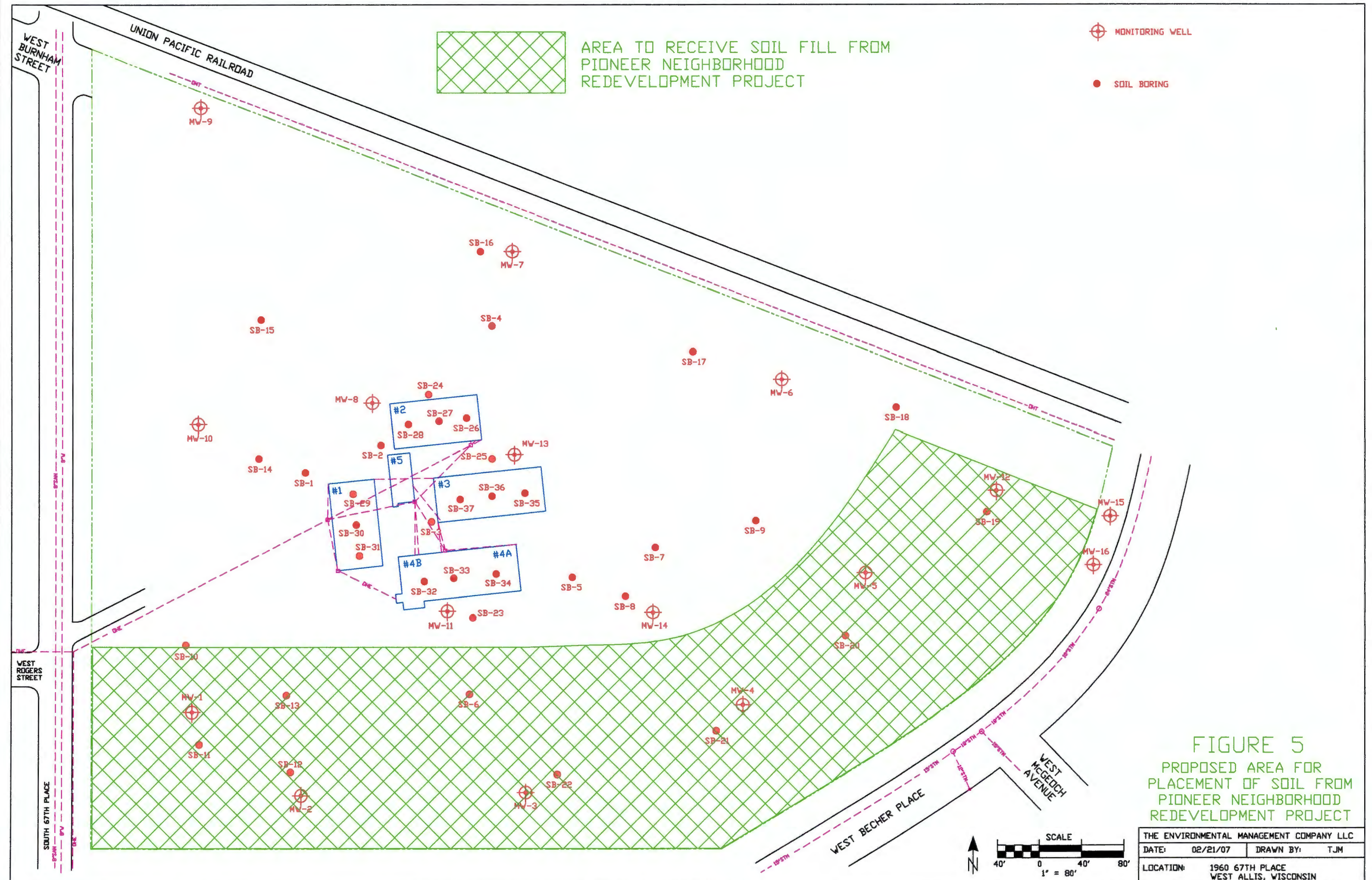
ALL CONTAMINANTS SHOWN IN mg/kg

CONTAM	DETECT	DEPTH	DATE
B(a)P	1.30	2-3	08/09/04
B(a)P	1.1J	0-4	02/20/04
B(a)P	1.6J	0-4	02/20/04
PHEN	2.2J	0-4	02/20/04
DRD	190	0-4	02/20/04
B(a)P	0.9J	0-4	05/27/04
B(a)A	11	4-6	08/09/04
B(a)P	9.7	4-6	08/09/04
B(b)F	12	4-6	08/09/04
D(a,h)A	0.63	4-6	08/09/04
INDENO	4.3J	4-6	08/09/04
NAP	0.60	4-6	08/09/04
PHEN	20	4-6	08/09/04
DRD	200	0-4	02/20/04
ARS	3.18	0-4	02/20/04
B(a)A	16	0-4	02/20/04
B(a)P	15J	0-4	02/20/04
B(b)F	20	0-4	02/20/04
INDENO	6.4J	0-4	02/20/04
PHEN	24	0-4	02/20/04
DRD	450	0-4	02/20/04
ARSE	3.06	0-4	02/20/04
ACEN	1.9J	0-4	02/20/04
B(a)A	11	0-4	02/20/04
B(a)P	14	0-4	02/20/04
B(b)F	16	0-4	02/20/04
INDENO	6J	0-4	02/20/04
PHEN	11	0-4	02/20/04
NAP	0.633	0-4	05/27/04
B(a)A	5.6	0-4	05/27/04
B(a)P	5.1	0-4	05/27/04
B(b)F	6.1	0-4	05/27/04
PHEN	12	0-4	05/27/04
B(a)A	46	0-3	05/27/04
B(a)P	39	0-3	05/27/04
B(b)F	48	0-3	05/27/04
CHRY	44	0-3	05/27/04
D(a,h)A	5.7J	0-3	05/27/04
INDENO	17	0-3	05/27/04
PHEN	58	0-3	05/27/04
NAP	1.54	0-4	02/20/04
DRD	350	0-4	02/20/04
ACEN	2.5J	0-4	02/20/04
B(a)A	75	0-4	02/20/04
B(a)P	46	0-4	02/20/04
B(b)F	90	0-4	02/20/04
CHRY	68	0-4	02/20/04
D(a,h)A	9.7	0-4	02/20/04
INDENO	32	0-4	02/20/04
NAP	55	0-4	02/20/04
PHEN	150	0-4	02/20/04
B(a)P	0.88	4-8	05/27/04
ARS	7.1	4-8	05/27/04
NAP	1.33	0-4	05/27/04
ACEN	4J	0-4	05/27/04
B(a)A	99	0-4	05/27/04
B(a)P	80	0-4	05/27/04
B(b)F	94	0-4	05/27/04
B(gh)P	43	0-4	05/27/04
B(k)F	41	0-4	05/27/04
CHRY	90	0-4	05/27/04
D(a,h)A	13J	0-4	05/27/04
INDENO	40	0-4	05/27/04
PHEN	140	0-4	05/27/04
ARS	4.0	0-4	05/27/04
NAP	2.46	0-3	05/27/04
ACEN	3.6J	0-3	05/27/04
B(a)A	41	0-3	05/27/04
B(a)P	35	0-3	05/27/04
B(b)F	49	0-3	05/27/04
CHRY	40	0-3	05/27/04
D(a,h)A	5.6J	0-3	05/27/04
INDENO	17	0-3	05/27/04
PHEN	53	0-3	05/27/04
B(a)A	11	0-4	02/20/04
B(a)P	11	0-4	02/20/04
B(b)F	13	0-4	02/20/04
INDENO	4.6J	0-4	02/20/04
PHEN	13	0-4	02/20/04
DRD	160	0-4	02/20/04
ACEN	2.9	0-4	02/20/04
B(a)A	6.2	0-4	02/20/04
B(a)P	8.4	0-4	02/20/04
B(b)F	6.2	0-4	02/20/04
D(a,h)A	1.6	0-4	02/20/04
INDENO	5.9	0-4	02/20/04
PHEN	6.4	0-4	02/20/04
NAP	130	0-4	02/20/04
DRD	450	0-4	02/20/04
B(a)A	23	0-4	02/20/04
B(a)P	21	0-4	02/20/04
B(b)F	25	0-4	02/20/04
D(a,h)A	2.9J	0-4	02/20/04
INDENO	9.4	0-4	02/20/04
NAP	37	0-4	02/20/04
PHEN	59	0-4	02/20/04

FIGURE 3.1
SOIL CONTAMINANT
DISTRIBUTION

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC
 DATE: 02/21/07 DRAWN BY: TJM
 LOCATION: 1960 67TH PLACE
 WEST ALLIS, WISCONSIN





AREA TO RECEIVE SOIL FILL FROM
PIONEER NEIGHBORHOOD
REDEVELOPMENT PROJECT

MONITORING WELL

SOIL BORING

FIGURE 5
PROPOSED AREA FOR
PLACEMENT OF SOIL FROM
PIONEER NEIGHBORHOOD
REDEVELOPMENT PROJECT

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC	
DATE: 02/21/07	DRAWN BY: TJM
LOCATION: 1960 67TH PLACE WEST ALLIS, WISCONSIN	

