100 West 22nd Street C Suite 151 C Lombard, IL C 60148

REMEDIAL ACTION COMPLETION REPORT

PRITZKER PARK
NORTHWEST CORNER OF STATE
AND VAN BUREN STREETS
CHICAGO, ILLINOIS

LPC 0316325436

PINs
17-16-235-015 through 018;
17-16-235-022 through 024; and
17-16-235-028-0000

Prepared for:

Chicago Department of Environment
30 North LaSalle Street
Suite 2500
Chicago, Illinois 60602

Versar Job No. 111424.0001.025
July 2009

This document has been prepared in accordance with accepted scientific and engineering practices/procedures and the Versar Inc. Quality Assurance Program.

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ACRONYMS USED IN THIS REPORT

COC	constituent of concern
CSI	Comprehensive Site Investigation
IEPA	Illinois Environmental Protection Agency
GRO	groundwater remediation objective
NFR	no further remediation
PNAs	polynuclear aromatic hydrocarbons
RACR	Remedial Action Completion Report
RAP	Remedial Action Plan
RBCA	Risked Based Corrective Action (ASTM E1739-95)
REC	recognized environmental condition
ROR	Remediation Objectives Report
SMZ	soil management zone
SRO	soil remediation objective
SRP	Site Remediation Program (35 IAC 740)
SVOCs	semi-volatile organic compounds
TACO	Tiered Approach to Corrective Action Objectives (35 IAC 742)
TAL	target analyte list (inorganics)
TCL	target compound list
VOCs	volatile organic compounds

1.0 INTRODUCTION

1.1 Purpose

This Remedial Action Completion Report (RACR) was prepared to address remediation of defined soil impacts at Pritzker Park, the northwest corner of State and Van Buren Streets in Chicago, Illinois (the Site). This report was prepared by Versar Inc. (Versar) for the Chicago Department of Environment (Remediation Applicant) in accordance with requirements outlined in the Illinois Environmental Protection Agency (IEPA) *Site Remediation Program* (SRP, Reference 1) and the IEPA *Tiered Approach to Corrective Action Objectives* (TACO, Reference 2).

The Site is owned by the City of Chicago, recently renovated as a small public park as a part of this remedial action. The Site was initially entered into the SRP in 2005. Chicago Department of Environment is seeking a final Comprehensive NFR letter for residential property.

1.2 Legal Site Description

The Site is a 0.9 acre developed public park with common addresses of 310-356 South State Street and 12-22 West Van Buren Street, located at the northwest corner of State and Van Buren Streets, Chicago, Cook County, Illinois. Figure 1 shows the Site located in Section 16, Township 39 North, Range 14 East on the United States Geological Survey (USGS) *Chicago Loop Quadrangle* topographic map. The legal description of the Site is:

THE SOUTH HALF OF LOT 10 IN G.W. SHOW'S SUBDIVISION OF BLOCK 139 IN SCHOOL SECTION ADDITION TO CHICAGO.

ALSO

LOTS 4 TO 14, BOTH INCLUSIVE, IN THE RESUBDIVISION OF PART OF BLOCK 139 IN SCHOOL SECTION ADDITION TO CHICAGO, BY SUPERIOR COURT, IN PARTITION OF LOTS 4, 9, 15, 16, 21, 22 AND THE NORTH HALF OF LOT 10 AND LOT 3 (EXCEPT THE NORTH 38 FEET THEREOF) IN SCHOOL SECTION ADDITION TO CHICAGO.

ALSO

LOTS 9, 10, 11, BOTH INCLUSIVE AND A STRIP OF LAND, IF ANY, BETWEEN THE WEST LINE OF LOT 9 AND THE EAST LINE OF PLYMOUTH STREET, AS RELOCATED, IN ASSESSOR'S SUBDIVISION OF LOTS 2, 5, 8, 11, 14, 17, 20 AND 23, IN BLOCK 139 IN SCHOOL SECTION ADDITION TO CHICAGO.

ALSO

THE STRIP OF LAND LYING EAST OF THE EAST LINE EXTENDED SOUTH, OF A 10 FEET ALLEY LYING EAST AND ADJOINING LOTS 3 TO 8, BOTH INCLUSIVE, IN SAID ASSESSOR'S SUBDIVISION

AND WEST OF SAID LOTS 4 TO 14, BOTH INCLUSIVE, IN THE RESUBDIVISION OF PART OF BLOCK 139 IN SCHOOL SECTION ADDITION TO CHICAGO, ALL IN SECTION 16, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

1.3 Reporting Summary

A *Phase I Environmental Site Assessment Report* (Phase I) was completed by Kowalenko and Bilotti in March 2005 (Reference 3), to determine if recognized environmental conditions existed on-Site. The following recognized environmental condition (REC) was documented in the Phase I:

- Fill materials (consisting of building and demolition debris mixed in with native soil) originating from razed historic structures on the subject property (Rialto Theater, retail stores) underlie the Site at varying depths to a maximum thickness of 12 feet.

Characterization activities were conducted to investigate soil and groundwater conditions at the Site, as well as lateral and vertical extent of constituents of concern (COCs), and are documented in the *Comprehensive Site Investigation Report* (Kowalenko & Bilotti, October 2005, Reference 4). The CSI included advancement of ten soil borings with construction of monitoring wells within five soil borings (Figure 2). The maximum depth of soil borings was 20 feet. Samples were collected from shallow and subsurface soils to characterize potential impacts from fill material and historic structures. A groundwater investigation included groundwater sampling from five permanent monitoring wells. Results are summarized on Tables 1 and 2. The CSI report was accepted by the IEPA SRP December 7, 2005. Impacts defined in this investigation are delineated On Figures 3 through 6.

A Remediation Objectives Report/Remedial Action Plan (ROR/RAP) was submitted in February 2008 (Reference 5). The following remedial actions were approved by IEPA and accomplished between September 2008 and June 2009:

1. Removed impacted soil from select parts of the Site;
2. Placed excavated soil into Soil Management Zone areas.

3. Backfilled excavated areas with a combination of two feet of imported “clean” soil, 60-mil thick geotextile, aggregate stone, and/or porous concrete;
4. Institutional controls using new engineered barriers and invoking the Chicago groundwater ordinance prohibiting installation and use of on-site potable water wells will be made by filing the final NFR with the Cook County Recorder of Deeds,.

2.0 FIELD ACTIVITIES

2.1 Remedial Action

Impacted Site soils were delineated in the CSI. Soil impacts at the Site were addressed using a combination of excavation, engineered barriers, institutional controls, and use of a site-specific Tier 2 SRO for benzo(a)anthracene. Remedial action was conducted in accordance with the ROR/RAP, approved May 7, 2008.

The soil ingestion exposure route was addressed by use of engineered barriers. Under 35 IAC 742, acceptable engineered barriers include: (1) caps or walls constructed of compacted clay, asphalt, concrete or other material approved by IEPA; (2) permanent structures, such as buildings or highways; and (3) soil, sand, gravel or other geologic materials that cover contaminated media, meet Tier 1 SROs for residential properties, and are a minimum of three feet.

Arsenic impacts were addressed through excavation of impacted soil and placement of "clean" backfill material. Excavation, sampling, and backfill placement details are discussed in detail below. Deeper PNA-impacted soil across the remainder of the Site remain in situ, covered by engineered barriers with corresponding institutional controls. See Appendix B for photographs of remedial action.

2.2 Excavation and Backfill Materials

Impacted fill materials were excavated to a depth sufficient to allow emplacement of IEPA-accepted engineered barriers as shown on Figures 7 and 8. The excavation extended to various depths of up to 24 inches below final grade. Since the entire site is being developed and capped with engineered barriers, no additional sampling of in-situ materials was performed.

Each excavation was backfilled with imported "clean" soil obtained from Morton and 78th Street, Merrillville, Indiana (former golf course); or native quarry stone/sand imported from Vulcan Material quarries. Imported soils proposed for use at the Site were quantitatively analyzed for constituents listed in 35 IAC 740, Appendix A (Table 3), including: volatile organic compounds (VOCs), semi-volatile organic compounds, pesticides, polychlorinated biphenyls (PCBs), and Priority Pollutant inorganic constituents. No constituents exceeded soil remediation objectives. Results were discussed with the IEPA project manager prior to soil emplacement.

2.3 Off-Site Disposal

No off-site disposal of soil occurred. Impacted excavated Site soils were encased within engineered barriers within soil management zones as described below.

2.4 Engineered Barriers

Engineered barriers were placed as shown on Figures 7 and 8. The engineered barrier beneath sod and vegetation consists of a 60-mil thickness nonwoven geotextile (Appendix C) and two feet of aggregate stone/soil mixture. The geotextile mat (composed of non-degrading polypropylene fiber) was emplaced over final excavation grade, followed by at least one foot of aggregate (CA-7 and Vulcan 210 PGB, closer to a CA-6) and appropriate surfacing material (porous concrete or vegetation topsoil), with at least one foot of additional topsoil to ensure the barrier prevents completion of the soil ingestion exposure route (Figure 8).

The chosen geotextile fabric has a grab tensile strength of 120 pounds, and is not penetrable with a spade or similar digging tool. The geotextile mat must be exposed and physically cut to break through to the underlying soil (after penetrating at least one foot of aggregate or equivalent). Water flow rate for the geotextile is 135 gallons/minute/square foot; allowing for reasonable drainage through the material while providing a physical barrier to ingestion of soil. The engineered barrier covers the entire site. The legal description of the entire site is given in Section 1.2.

2.5 Soil Management Zone

Impacted surficial soils excavated were placed beneath planned above-ground areas as shown in the topographic depiction in Figure 9. Cut and fill areas are as shown. Emplacement of soils within this soil management zone allowed for a balanced site, with no off-site disposal necessary. Soils within the SMZ are covered by barriers as shown in Figure 8 and discussed in Section 2.4.

The SMZ allowed the developer to provide solutions to on-site contamination described within the ROR/RAP without violating solid waste disposal regulations, as stated in 35 IAC 807.312, 313, and 314; or 35 IAC 811.107 during re-development of the Site. Contaminated soils placed in the SMZ was used as structural fill or land reclamation to desired elevations and placed under soil ingestion exposure route engineered barriers.

The SMZ was constructed, operated and maintained in a manner that prevented odor from occurring, minimized fugitive emissions of particulate matter in accordance with 35 IAC 212 Subpart K, prevented the generation of potentially contaminated runoff, and did not provide breeding places or food sources for vectors. To ensure compliance during SMZ construction and operation, the remedial applicant:

- Immediately removed discovered trash and/or waste at the end of each operational day;
- Observed operations for potential generation of particulate matter and addressed fugitive emissions using appropriate methodology;
- Graded the SMZ and surrounding area to ensure that potential runoff drained into open site excavations; and
- Removed standing or ponded water from the excavated areas or SMZ using appropriate methodology.

3.0 SPECIAL CONDITIONS

3.1 Institutional Controls

Groundwater use is prohibited by city ordinance (Reference 6 and Appendix D). As a result, no water wells can be installed at the Site. Maintained engineered barriers are a condition of this remedial action. Future construction work shall be accompanied by a health and safety plan addressing site COCs.

4.0 RESULTS AND CONCLUSIONS

This Remedial Action Completion Report was prepared to address remediation of defined soil impacts at Pritzker Park, the northwest corner of State and Van Buren Streets in Chicago, Illinois (the Site). This report was prepared for the Chicago Department of Environment in accordance with requirements outlined in the Illinois Environmental Protection Agency *Site Remediation Program* and the IEPA *Tiered Approach to Corrective Action Objectives*. Versar and the City of Chicago believe all data presented is accurate, and remedial action completion information presented is complete and in compliance with these programs.

The Site is owned by the City of Chicago, recently renovated as a small public park as a part of this remedial action. The Site was initially entered into the SRP in 2005. A Remediation Objectives Report/Remedial Action Plan was submitted in February 2008. The following remedial actions were approved by IEPA and accomplished between September 2008 and June 2009:

1. Removed impacted soil from select parts of the Site;
2. Placed excavated soil into Soil Management Zone areas.
3. Backfilled excavated areas with a combination of two feet of imported "clean" soil, 60-mil thick geotextile, aggregate stone, and/or porous concrete;
4. Utilized institutional controls using new engineered barriers and the Chicago groundwater ordinance prohibiting installation/use of on-site potable water wells. Controls will be finalized by filing the NFR letter with the Cook County Recorder of Deeds.

The above actions resulted in a "balanced" site, in that no soil was moved off-site, and only clean fill was imported, resulting in an engineered barrier protective of human health. Data obtained was sufficient to address data quality objectives and allow closure of the site through the SRP. The City of Chicago requests a final Comprehensive NFR letter for residential property following review of this report.

5.0 REFERENCES

1. Illinois Environmental Protection Agency, *Site Remediation Program*, Title 35, Subtitle G, Chapter I, Part 740

2. Illinois Environmental Protection Agency, *Tiered Approach to Corrective Action Objectives*, Title 35, Subtitle G, Chapter I, Subchapter f, Part 742

3. Kowalenko & Bilotti, March 2005, *Phase I Environmental Assessment.*

4. Kowalenko & Bilotti, October 2005, *Comprehensive Site Investigation*

5. Versar Inc., February 2008, *Remedial Objectives Report/Remedial Action Plan*

6. City of Chicago Ordinance 097990, 2001, *Potable Water Supply Well Ordinance.*

7. Letter from IEPA approving ROR/RAP, May 7, 2009

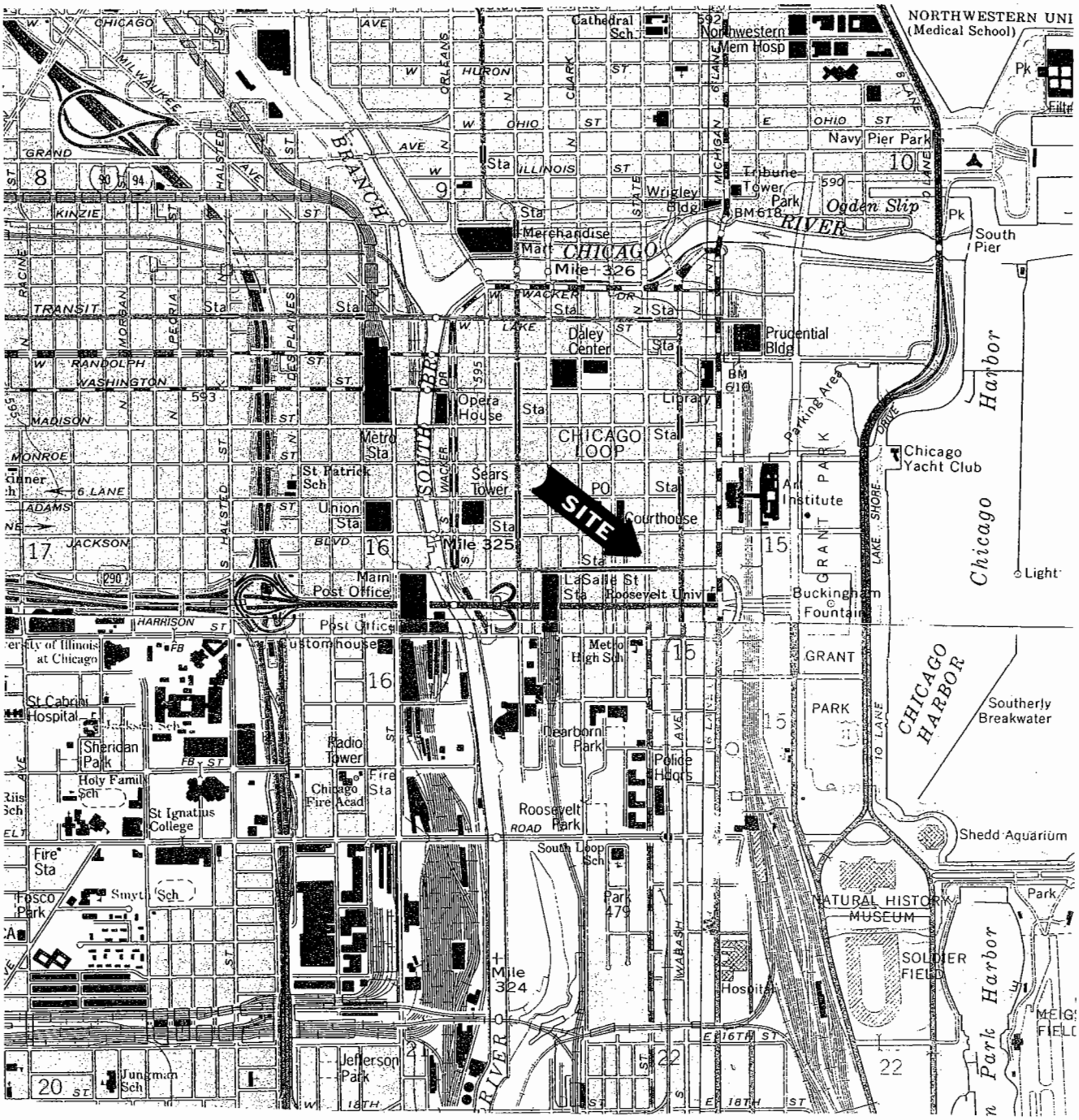
6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Versar prepared this RACR to document remediation of soil and groundwater impacts at Pritzker Park, the northwest corner of State and Van Buren Streets in Chicago, Cook County, Illinois. Site Remediation Program Form DRM-2 is in Appendix E Signatures of individuals who prepared this report are included below.

Harvey D. Pokorny, P.G.
Senior Project Manager
Midwest Region

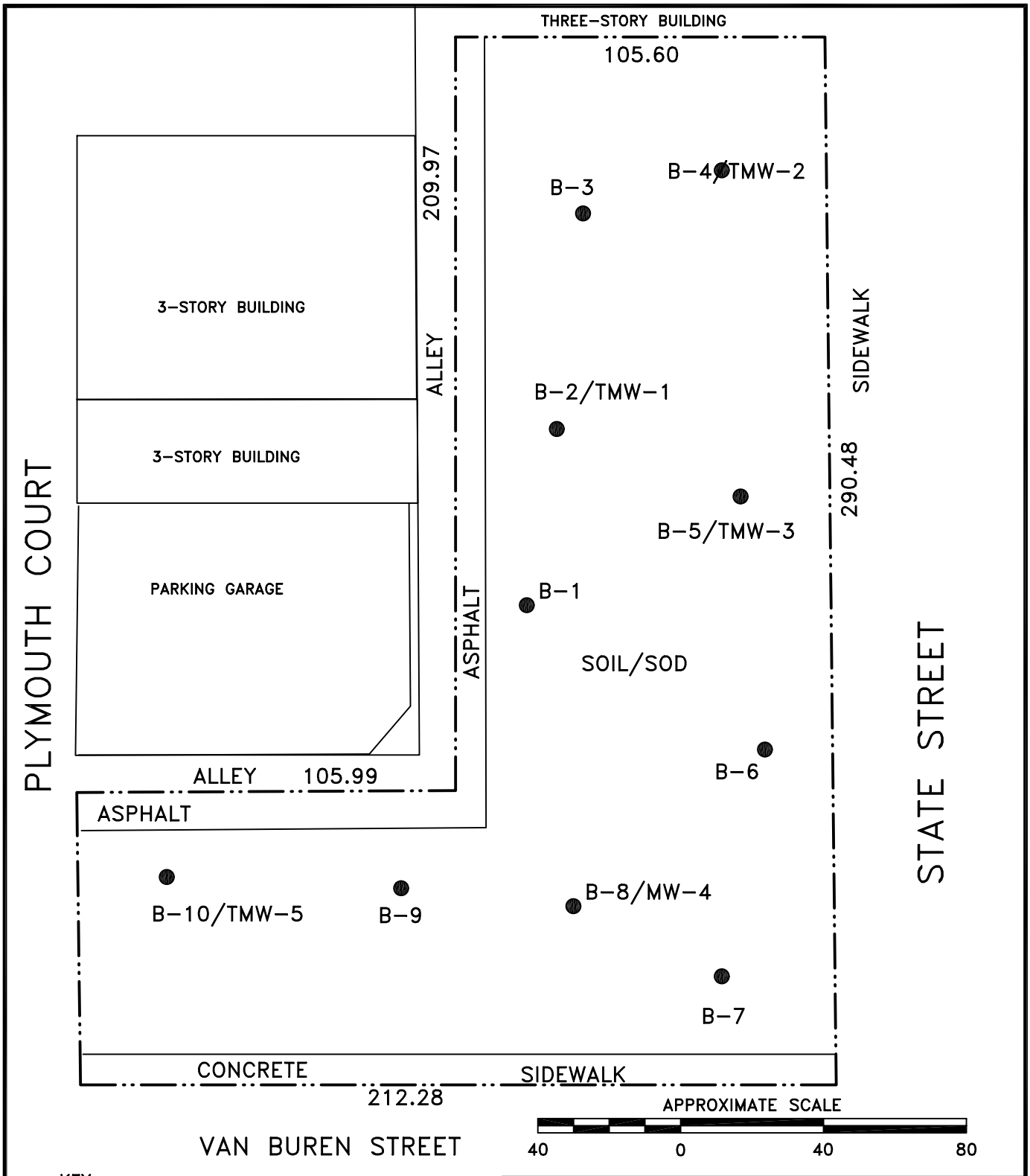
Stephen Schwartz, P.E.
Manager, Engineering Assessment

FIGURES



TITLE:	FIGURE 1 TOPOGRAPHIC LOCATION MAP PRITZKER PARK, CHICAGO, ILLINOIS		
CAD: HDP	DATE: 1/31/08	FOR:	
APPROVED: HDP	SCALE: 1"=2000'	CHICAGO DEPARTMENT OF ENVIRONMENT	
Versar INC. 200 W. 22nd STREET, SUITE 250 LOMBARD, IL 60148		PROJECT NO. 111424.0001.025	
		DRAWING NO. TOPO	

SOURCE: USGS CHICAGO LOOP QUADRANGLE, 1993



KEY:

VB8 SAMPLE IDENTIFICATION

PLAT OF SURVEY PROVIDED BY CDOE

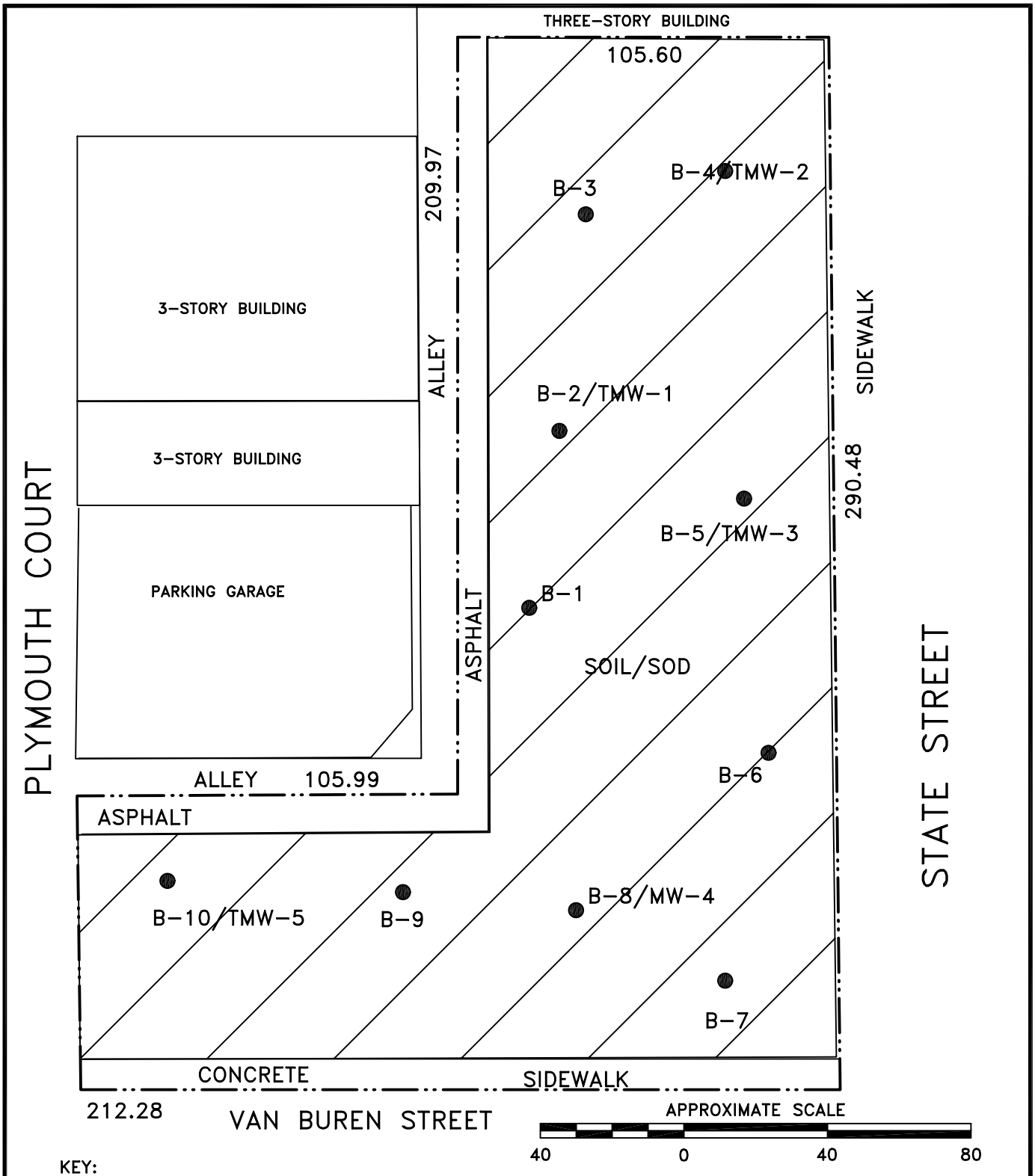
TITLE: FIGURE 2
SAMPLE LOCATION MAP
PRITZKER PARK, CHICAGO, ILLINOIS

CAD: HDP	DATE: 1/31/08
APPROVED: HDP	SCALE: 1"=40'

FOR: CHICAGO DEPARTMENT OF ENVIRONMENT

Versar INC.
200 W. 22nd STREET, SUITE 250
LOMBARD, IL 60148

PROJECT NO. 111424.0001.025
DRAWING NO. SITE



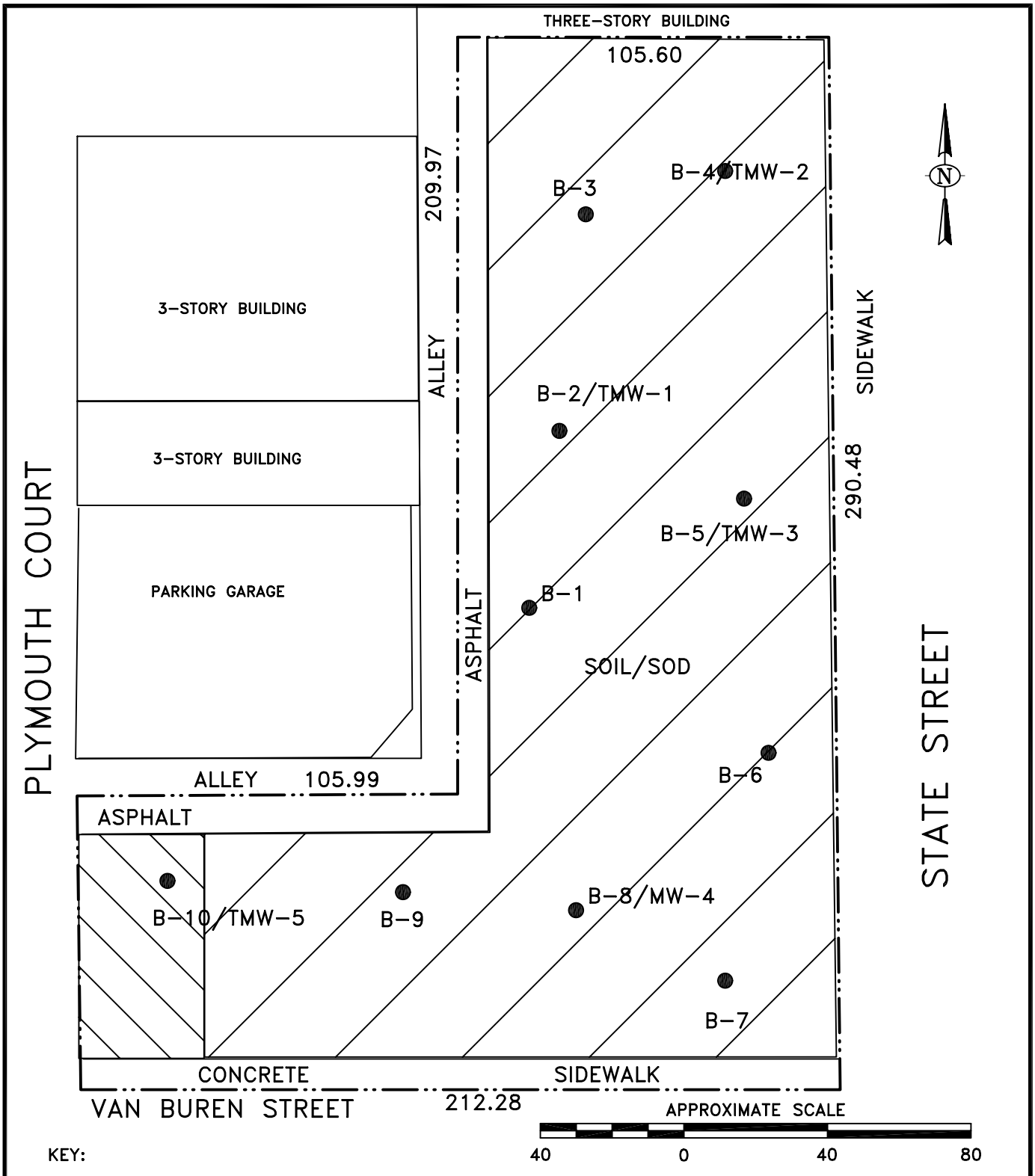
TITLE: FIGURE 3
SHALLOW SOIL ARSENIC IMPACTS (0-3')
PRITZKER PARK, CHICAGO, ILLINOIS

CAD: HDP	DATE: 6/19/09
APPROVED: HDP	SCALE: 1"=40'

FOR: CHICAGO DEPARTMENT OF ENVIRONMENT

Versar INC.
100 W. 22nd STREET, SUITE 151
LOMBARD, IL 60148

PROJECT NO. 111424.0001.025
DRAWING NO. SITE



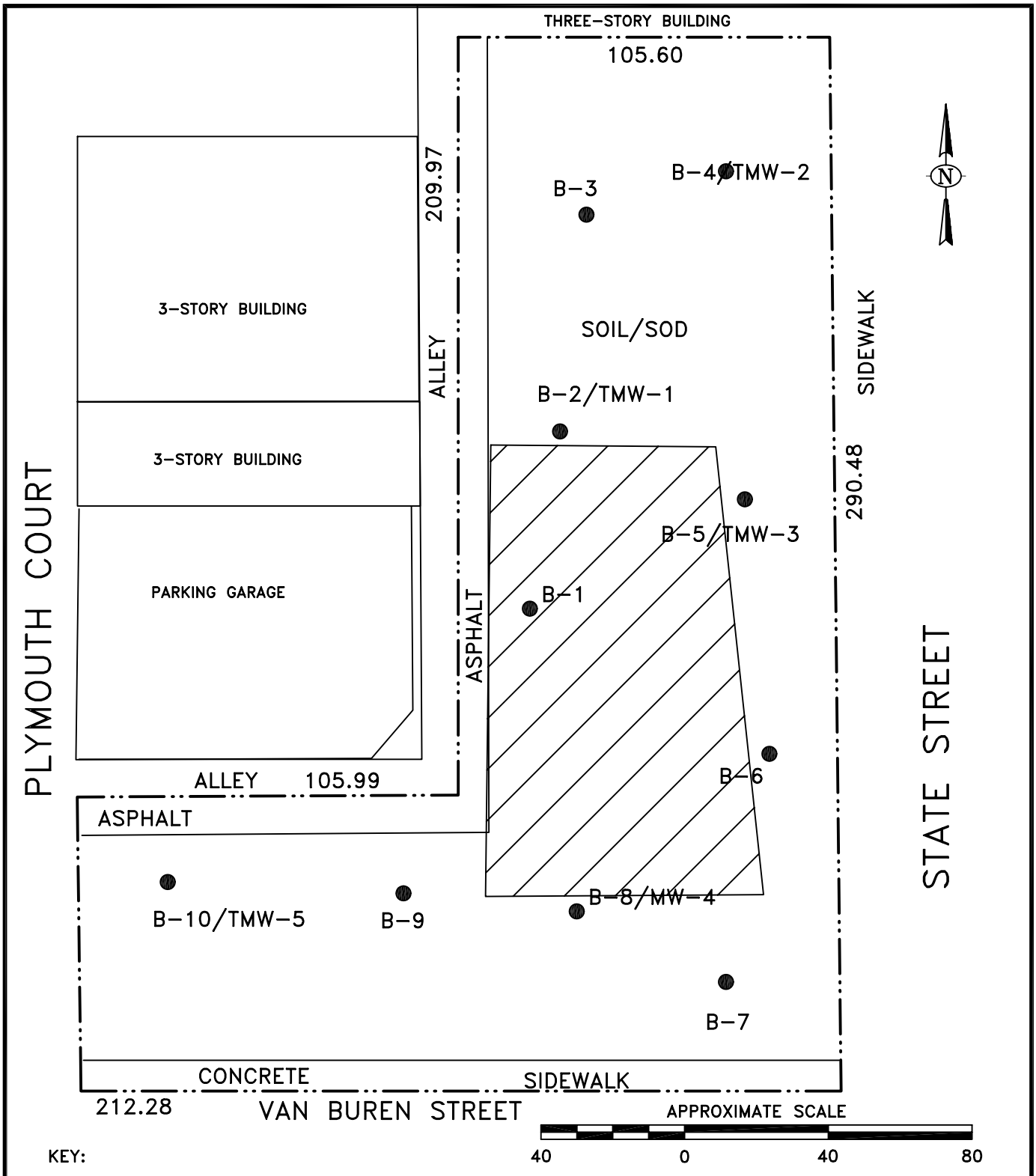
TITLE: FIGURE 4
PNA INGESTION IMPACTS
PRITZKER PARK, CHICAGO, ILLINOIS

CAD: HDP	DATE: 6/16/09
APPROVED: HDP	SCALE: 1"=40'

FOR: CHICAGO DEPARTMENT OF ENVIRONMENT

Versar INC.
100 W. 22nd STREET, SUITE 151
LOMBARD, IL 60148

PROJECT NO. 111424.0001.025
DRAWING NO. FIG4



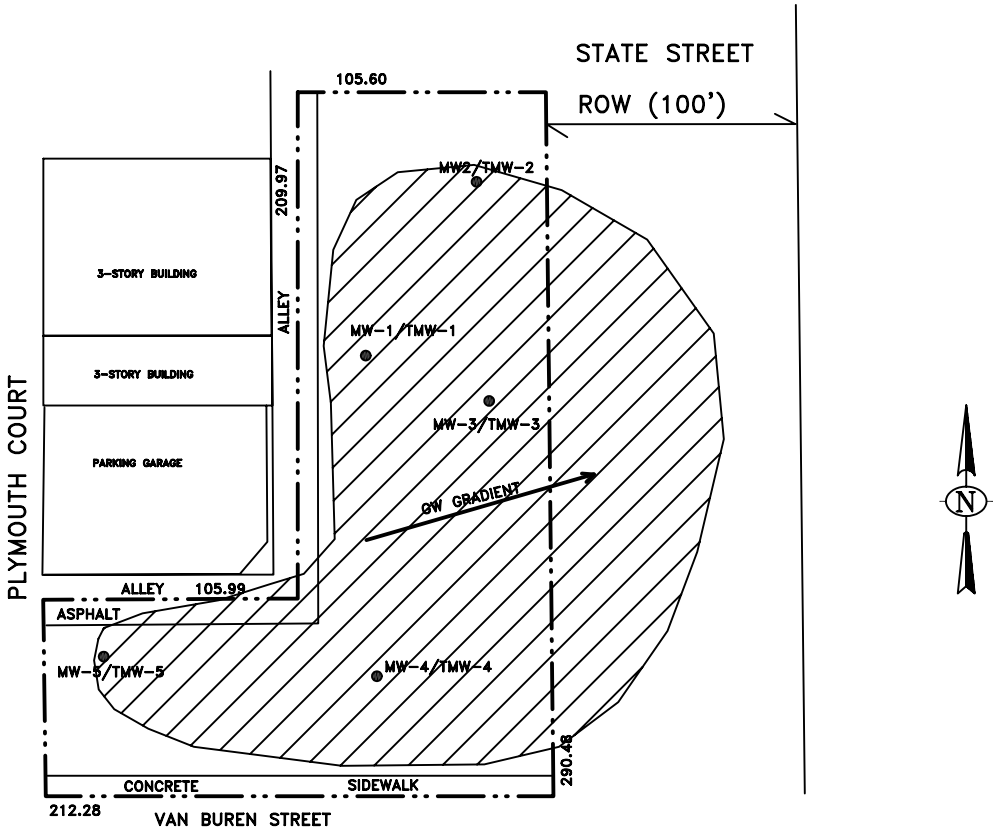
TITLE: FIGURE 5
BENZO(A)ANTHRACENE MIGRATION TO CLASS II GW IMPACT
PRITZKER PARK, CHICAGO, ILLINOIS

CAD: HDP	DATE: 2/12/08
APPROVED: HDP	SCALE: 1"=40'

FOR: CHICAGO DEPARTMENT OF ENVIRONMENT

Versar INC.
100 W. 22nd STREET, SUITE 151
LOMBARD, IL 60148

PROJECT NO. 111424.0001.025
DRAWING NO. FIG5



APPROXIMATE SCALE

80 0 80 160

KEY:

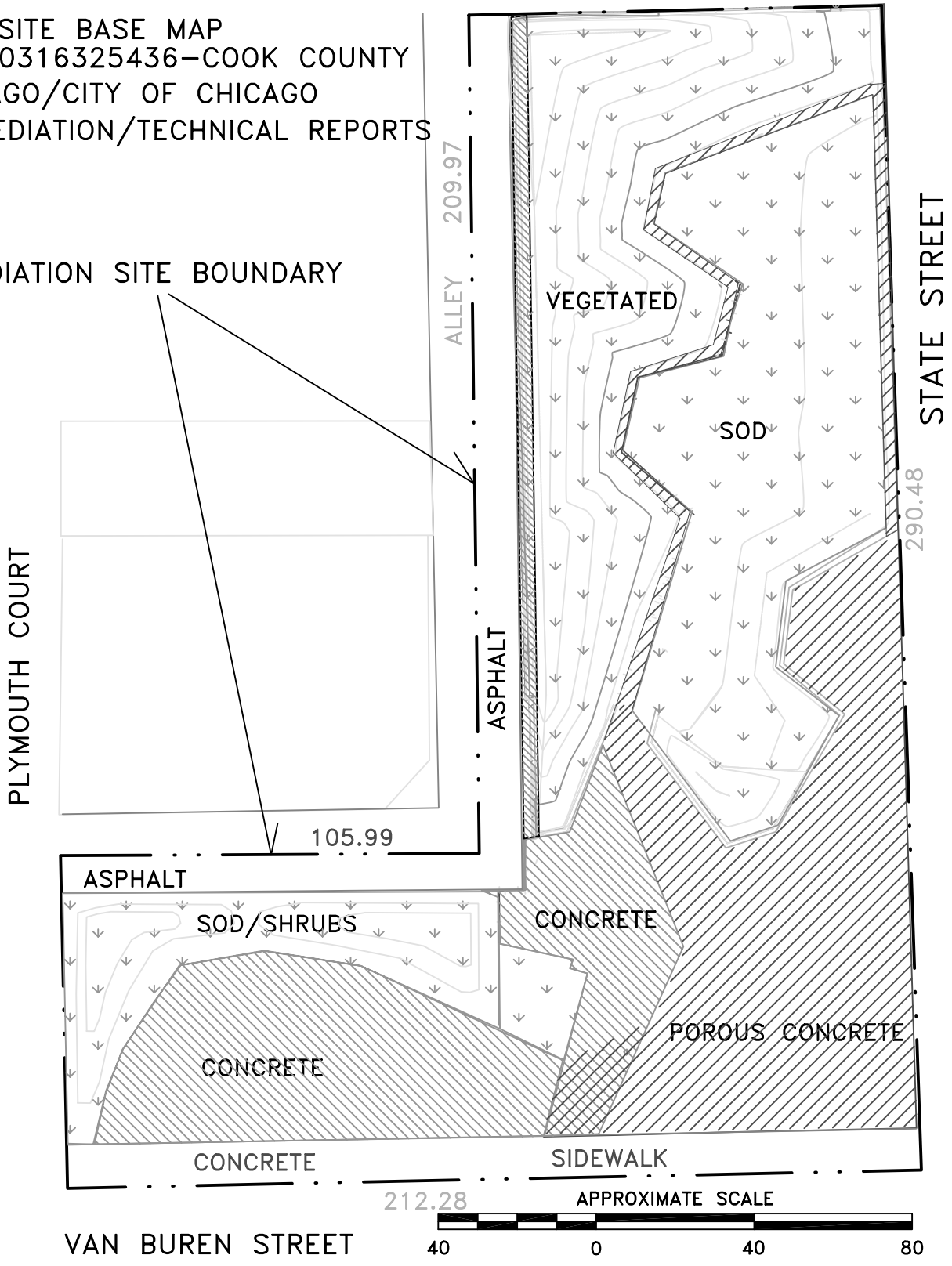
MW-1 SAMPLE IDENTIFICATION

EXTENT OF MODELED GROUNDWATER

PLAT OF SURVEY PROVIDED BY CDOE

TITLE: FIGURE 6: EXTENT OF MODELED GROUNDWATER IRON GROUNDWATER IMPACTS PRITZKER PARK, CHICAGO, ILLINOIS		
CAD: HDP	DATE: 6/16/09	FOR: CHICAGO DEPARTMENT OF ENVIRONMENT
APPROVED: HDP	SCALE: 1"=80'	
Versar INC. 100 W. 22nd STREET, SUITE 151 LOMBARD, IL 60148		PROJECT NO. 111424.0001.025
		DRAWING NO. FIG6

SITE BASE MAP
LPC: 0316325436–COOK COUNTY
CHICAGO/CITY OF CHICAGO
SITE REMEDIATION/TECHNICAL REPORTS



KEY:

PERVIOUS CONCRETE BARRIER

CONCRETE BARRIER

*SOD AND VEGETATED AREAS HAVE 2' SOIL/GEOTEXTILE CAP

N

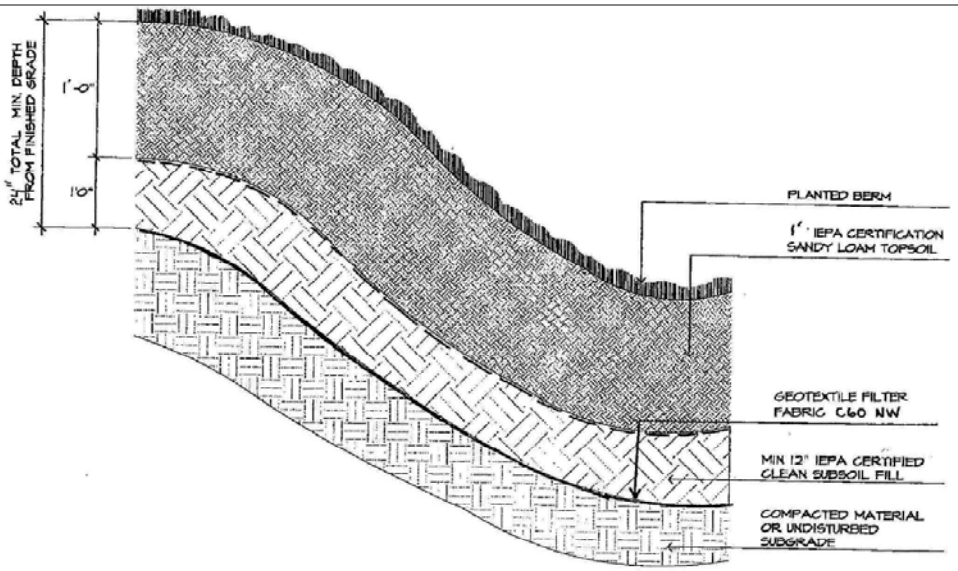
TITLE: FIGURE 7
ENGINEERED BARRIER
PRITZKER PARK, CHICAGO, ILLINOIS

CAD: HDP	DATE: 6/16/09
APPROVED: HDP	SCALE: 1"=40'

VERSAR
LOMBARD, IL 60148

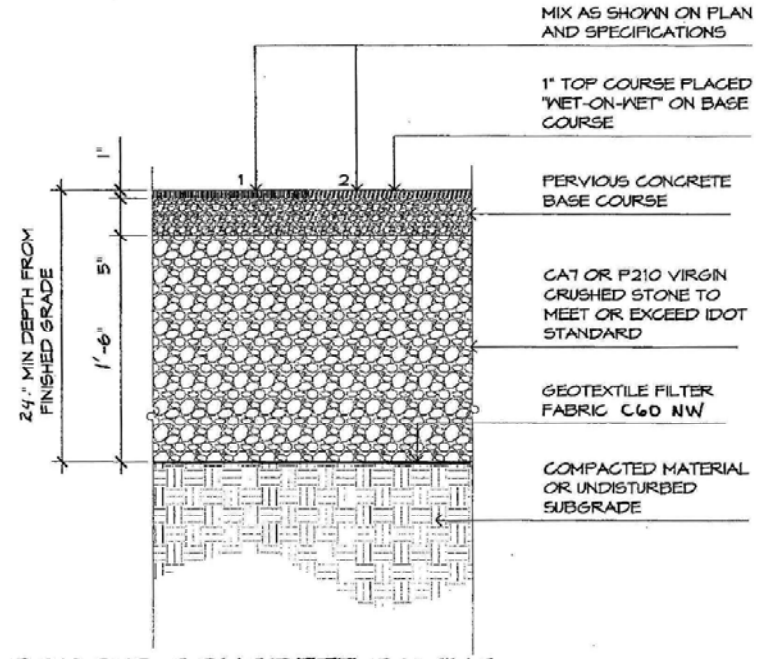
FOR:
CHICAGO DEPARTMENT
OF ENVIRONMENT

PROJECT NO. 111424.0001.025
DRAWING NO. BARRIER



TYPICAL RAISED MOUND PROFILE

N.T.S.

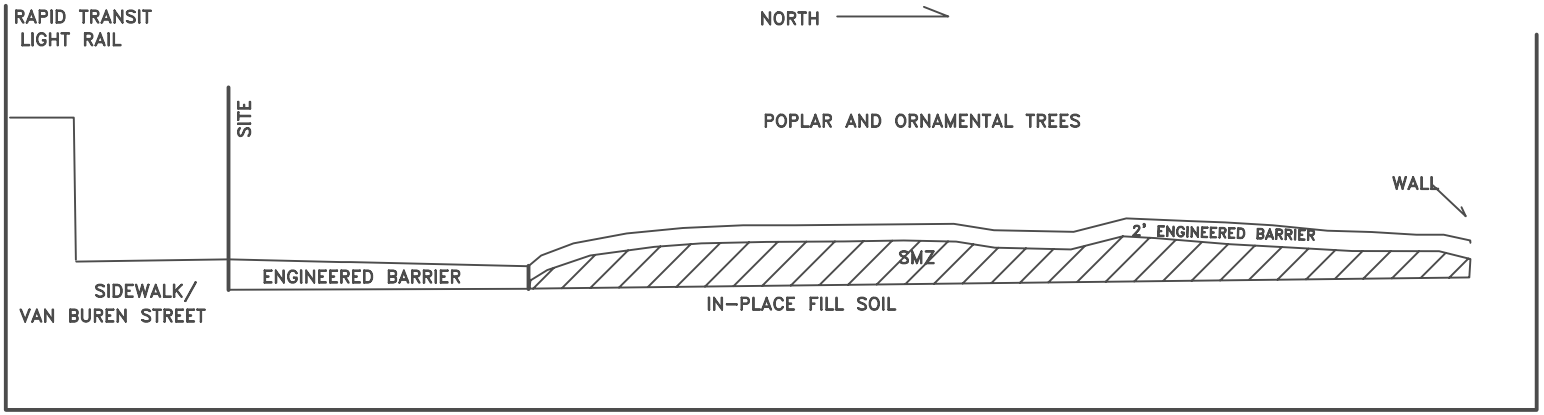


POROUS CONCRETE PAVING

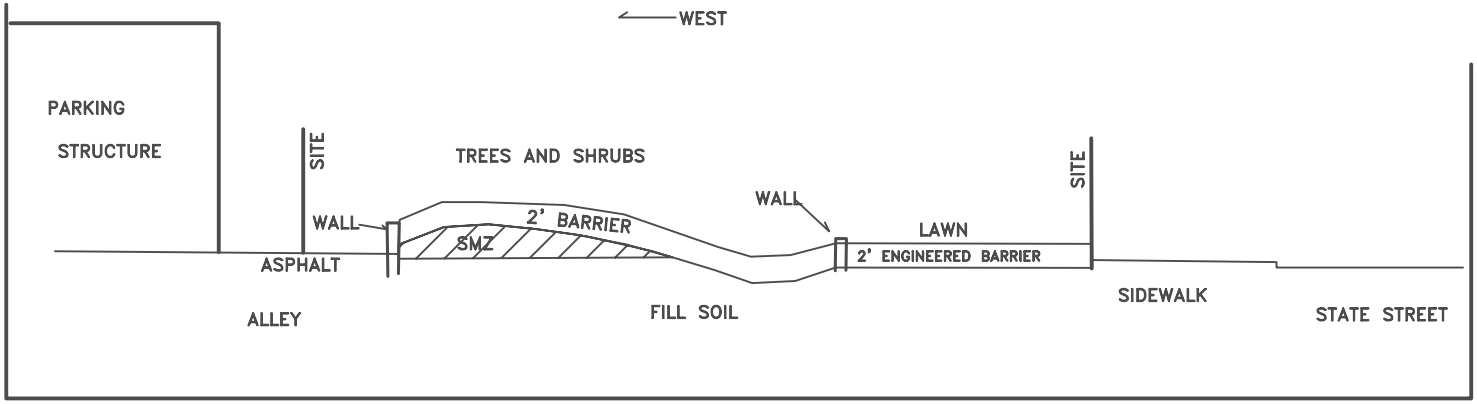
N.T.S.

SOURCE: Architect–Provided Sections

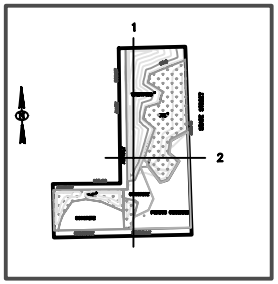
TITLE:	FIGURE 8 ENGINEERED BARRIER CROSS–SECTIONS PRITZKER PARK, CHICAGO, ILLINOIS		
CAD: HDP	DATE: 6/16/09	FOR:	
APPROVED: HDP	SCALE: NTS	CHICAGO DEPARTMENT OF ENVIRONMENT	
Versar INC. 100 W. 22nd STREET, SUITE 151 LOMBARD, IL 60148		PROJECT NO. 111424.0001.025	
		DRAWING NO. FIG 8	



CROSS SECTION 1



CROSS SECTION 2



KEY:

SMZ EXTENT

SOURCE: ARCHITECTURAL DRAWING DATED 10/4/07

TITLE: FIGURE 9
SCHEMATIC CROSS-SECTIONS; PRITZKER PARK
NW CORNER STATE AND VAN BUREN STREETS, CHICAGO, IL

CAD: HDP	CHKD: H.P.	APPRD: HP
DATE: 6/16/09	SCALE: RELATIVE	

FOR: CHICAGO DEPT OF ENVIRONMENT

Versar INC.
100 W. 22nd STREET, SUITE 151
LOMBARD, IL 60148

PROJECT NO. 111424.0001.020

DRAWING NO. BARRIER 2

TABLES

Versar INC

TABLE 3
Pritzker Park
Inorganic Imported
Soil Analytical Results
(mg/kg)

Analyte	Tier 1 Soil Remediation Objectives					ID, Date
	Residential		Construction Worker		Soil Comp. of GW Ingestion	IMPORTED SOIL 03/20/09
	Ingestion	Inhalation	Ingestion	Inhalation	Class II	MOUND
Arsenic	13	750	61	25,000	120	5.4
Barium	5,500	690,000	14,000	870,000	2,100	NA
Beryllium	160	1,300	410	44,000	1,000,000	0.98
Cadmium	78	1,800	200	59,000	4,300	0.52
Calcium	---	---	---	---	---	NA
Chromium	230	270	4,100	690	---	22
Cobalt	4,700	---	12,000	---	---	NA
Copper	2,900	---	8,200	---	330,000	16
Cyanide	1,600	---	4,100	---	120	<0.023
Iron	55,000	---	140,000	---	---	NA
Lead	400	---	700	---	1,420	21
Magnesium	325,000	---	730,000	---	---	NA
Manganese	1,600	69,000	4,100	8,700	---	NA
Mercury	23	10	61	0.1	40	0.065
Nickel	1,600	13,000	4,100	440,000	76,000	21
Potassium	---	---	---	---	---	NA
Selenium	390	---	1,000	---	2.4	<1.0
Silver	390	---	1,000	---	---	<2
Sodium	---	---	---	---	---	NA
Thallium	6.3	---	160	---	38	<1.0
Vanadium	550	---	1,400	---	---	NA
Zinc	23,000	---	61,000	---	110,000	67
Additional Analyses						
pH	---	---	---	---	---	6.3
VOCs	Various	Various	Various	Various	Various	All ND
SVOCs	Various	Various	Various	Various	Various	All ND
PCBs/Pesticides	Various	Various	Various	Various	Various	All ND

NOTES:

1. Analyses performed using EPA SW-846 methodology.
2. NA = Not analyzed.
3. See Appendix A for analytical results.

SOIL ANALYTICAL SUMMARY TABLES

Versar INC

Pritzker Park
Soil PCB/Pesticide Analytical Results
(mg/kg)

	Analyte	Tier 1 Soil Remediation Objective					Sample ID/Date/Depth	
		Residential Exposure Route		Construction Worker Exposure Route		Soil Comp. of GW Ingestion	B-2 03/03/05	B-2 03/03/05
		Ing	Inh.	Ingestion	Inhalation	Class II	0 - 3	6 - 9
PCBs	Aroclor 1016	1	---	1	---	---	<0.09	<0.095
	Aroclor 1221	1	---	1	---	---	<0.09	<0.095
	Aroclor 1232	1	---	1	---	---	<0.09	<0.095
	Aroclor 1242	1	---	1	---	---	<0.09	<0.095
	Aroclor 1248	1	---	1	---	---	<0.09	<0.095
	Aroclor 1254	1	---	1	---	---	<0.09	<0.095
	Aroclor 1260	1	---	1	---	---	<0.09	<0.095
PESTICIDES	4,4´-DDD	3	---	520	---	80	<0.0037	<0.0039
	4,4´-DDE	2	---	370	---	270	<0.0037	<0.0039
	4,4´-DDT	2	---	100	2,100	160	<0.0037	<0.0039
	Aldrin	0.04	3	6.1	9.3	2.5	<0.0018	<0.0019
	alpha-BHC	0.1	0.8	20	2.1	0.003	<0.0018	<0.0019
	alpha-Chlordane						<0.0018	<0.0019
	beta-BHC						<0.0018	<0.0019
	Chlordane	1.8	72	100	22	48	<0.09	<0.095
	delta-BHC						<0.0018	<0.0019
	Dieldrin	0.04	1	7.8	3.1	0.02	<0.0037	<0.0039
	Endosulfan I	470	---	1200	---	90	<0.0018	<0.0019
	Endosulfan II						<0.0037	<0.0039
	Endosulfan sulfate						<0.0037	<0.0039
	Endrin	23	---	61	---	5	<0.0037	<0.0039
	Endrin aldehyde						<0.0037	<0.0039
	Endrin ketone						<0.0037	<0.0039
	gamma-BHC	0.5	---	96	---	0.047	<0.0018	<0.0019
	gamma-Chlordane						<0.0018	<0.0019
	Heptachlor	0.1	0.1	28	16	110	<0.0018	<0.0019
	Heptachlor epoxide	0.07	5	2.7	13	3.3	<0.0018	<0.0019
	Methoxychlor	390	---	1,000	---	780	<0.0018	<0.0019
	Toxaphene	0.6	89	110	240	150	<0.11	<0.12

Versar INC

Pritzker Park
Soil PNA/SVOC Analytical Results
(mg/kg)

Analyte	Tier 1 Soil Remediation Objective						Sample Identification, Date, and Depth (feet)									
	Residential Exposure Route		Construction Worker		Soil Comp. GW Ingestion	Backgrd	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5
							03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05
PNAs	**Ingestion**	**Inhal.**	**Ingestion**	**Inhal.**	**Class II**	**Chicago**	0 - 3	3 - 6	0 - 3	6 - 9	0 - 3	9 - 12	0 - 3	9 - 12	0 - 3	3 - 6
Acenaphthene	4,700	---	120,000	---	2,900	0.09	<0.028	1.7	<0.028	0.21	<0.029	<0.031	<0.028	<0.029	<0.028	0.18
Acenaphthylene	2,300	---	61,000	---	420	0.03	<0.028	0.28	<0.028	<0.03	<0.029	<0.031	<0.028	<0.029	<0.028	0.052
Anthracene	23,000	---	610,000	---	59,000	0.25	<0.028	5	<0.028	0.99	<0.029	<0.031	<0.028	<0.029	<0.028	0.62
Benzo(a)anthracene	0.9	---	170	---	8	1.1	<0.028	**9.9**	<0.028	**1.5**	<0.029	<0.031	<0.028	<0.029	<0.028	**1.6**
Benzo(a)pyrene	0.09	---	17	---	82	1.3	<0.028	**5.2**	<0.028	**1.5**	<0.029	<0.031	<0.028	<0.029	<0.028	**1.7**
Benzo(b)fluoranthene	0.9	---	170	---	25	1.5	<0.028	**6.6**	<0.028	1.4	<0.029	<0.031	<0.028	<0.029	<0.028	1.5
Benzo(g,h,i)perylene	2,300	---	61,000	---	130,000	0.68	<0.028	**3**	<0.028	0.79	<0.029	<0.031	<0.028	<0.029	<0.028	0.85
Benzo(k)fluoranthene	9	---	1,700	---	250	0.99	<0.028	**5.2**	<0.028	1.2	<0.029	<0.031	<0.028	<0.029	<0.028	1.2
Chrysene	88	---	17,000	---	800	1.2	<0.028	**9.9**	<0.028	1.6	<0.029	<0.031	<0.028	<0.029	<0.028	1.6
Dibenzo(a,h)anthracene	0.09	---	17	---	7.6	0.20	<0.028	**0.8**	<0.028	0.15	<0.029	<0.031	<0.028	<0.029	<0.028	0.15
Fluoranthene	3,100	---	82,000	---	21,000	2.7	<0.028	**24**	<0.028	3.2	<0.029	<0.031	<0.028	0.043	<0.028	3
Fluorene	3,100	---	82,000	---	2,800	0.10	<0.028	**2.5**	<0.028	0.34	<0.029	<0.031	<0.028	<0.029	<0.028	0.23
Indeno(1,2,3-cd)pyrene	0.9	---	170	---	69	0.86	<0.028	**3.7**	<0.028	0.76	<0.029	<0.031	<0.028	<0.029	<0.028	0.84
Naphthalene	1,600	170	4,100	1.8	18	0.04	<0.028	0.78	<0.028	0.061	<0.029	<0.031	<0.028	<0.029	<0.028	0.066
Phenanthrene	2,300	---	61,000	---	1,000	1.3	<0.028	17	<0.028	2	<0.029	<0.031	<0.028	<0.029	<0.028	1.9
Pyrene	2,300	---	61,000	---	21,000	1.9	<0.028	20	<0.028	2.7	<0.029	<0.031	<0.028	0.039	<0.028	2.6
OTHER SVOCs																
Aniline	110	81	1,400	8.4	0.063	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Benzidine	0.003	0.009	0.54	0.02	2.20E-06	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Benzoic acid	310,000	---	820,000	---	400	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
Benzyl alcohol	39,000	6,100	200,000	6,100	15	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	31,000	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	16,000	930	410,000	930	930	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Carbazole	32	---	6,200	---	2.8	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4-Chloroaniline	310	---	820	---	0.7	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	6,300	---	160,000	---	240	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2-Chlorophenol	390	53,000	10,000	53,000	20	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Dibenzofuran	160	---	4,100	---	30	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	560	18,000	310	43	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	---	11,000	---	340	11	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
3,3´-Dichlorobenzidine	1	---	280	---	0.033	---	NA	NA	<0.74	<0.78	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	230	---	610	---	1	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Diethyl phthalate	63,000.0	2,000.0	1,000,000	2,000	470	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,600.0	---	41,000	---	9	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	7.8	---	820	---	pH	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	160	---	410	---	0.2	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	---	180	---	0.0008	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	---	180	---	0.0007	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.4	1	78	2.6	11	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	78	150	200	70	11	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	10	14,000	1.1	2,200	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Hexachloroethane	78	---	2,000	---	2.6	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Isophorone	15,600	4,600	410,000	4,600	8	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	310	---	820	---	9.5	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2-Methylphenol	3,900	---	100,000	---	15	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4-Methylphenol	390	---	1,000	---	0.20	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2-Nitroaniline	230	35	610	3.6	0.14	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
3-Nitroaniline	23	250	61	26	0.010	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
4-Nitroaniline	230	1,000	610	110	0.10	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
2-Nitrophenol	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
4-Nitrophenol	630	---	16,000	---	pH	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
Nitrobenzene	39	92	1,000	9.4	0.1	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.013	0.012	1.6	0.032	6.70E-06	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	130	---	25,000	---	5.6	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2, 2'-oxybis(1-Chloropropar	---	---	---	---	---	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Pentachlorophenol	3	---	520	---	0.14	---	NA	NA	<1.8	<1.9	NA	NA	NA	NA	NA	NA
Phenol	23,000	---	61,000	---	100	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
Pyridine	78	200,000	2,000	200,000	pH	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	780	3,200	2,000	920	53	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	---	200,000	---	1,400	---	NA	NA	<0.74	<0.78	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	200	11,000	540	0.77	---	NA	NA	<0.37	<0.39	NA	NA	NA	NA	NA	NA

NOTES:

1. NA = Not analyzed.
2. **Bold** and highlighted = Concentration exceeds Tier 1 SRO.

Versar INC

Pritzker Park
Soil PNA/SVOC Analytical Results
(mg/kg)

Analyte	Tier 1 Soil Remediation Objective						Sample Identification, Date, and Depth (feet)									
	Residential Exposure Route		Construction Worker		Soil Comp. GW Ingestion	Backgrd	B-6	B-6	B-7	B-7	B-8	B-8	B-9	B-9	B-10	B-10
							03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05
PNAs	**Ingestion**	**Inhal.**	**Ingestion**	**Inhal.**	**Class II**	**Chicago**	0 - 3	6 - 9	0 - 3	3 - 6	0 - 3	3 - 6	0 - 3	9 - 11	0 - 3	6 - 9
Acenaphthene	4,700	---	120,000	---	2,900	0.09	<0.028	0.34	<0.029	0.98	<0.028	0.26	<0.029	<0.03	0.21	0.12
Acenaphthylene	2,300	---	61,000	---	420	0.03	<0.028	0.16	<0.029	0.29	<0.028	0.068	<0.029	<0.03	0.093	<0.029
Anthracene	23,000	---	610,000	---	59,000	0.25	<0.028	1.3	<0.029	3.8	<0.028	0.72	<0.029	<0.03	0.81	0.12
Benzo(a)anthracene	0.9	---	170	---	8	1.1	<0.028	**3.1**	<0.029	**8**	<0.028	**1.7**	<0.029	0.044	**2.6**	0.26
Benzo(a)pyrene	0.09	---	17	---	82	1.3	<0.028	**1.6**	<0.029	**7.7**	<0.028	0.72	<0.029	0.033	1.3	0.079
Benzo(b)fluoranthene	0.9	---	170	---	25	1.5	<0.028	**1.6**	<0.029	**7**	<0.028	0.79	<0.029	<0.03	1.5	0.098
Benzo(g,h,i)perylene	2,300	---	61,000	---	130,000	0.68	<0.028	**1.3**	<0.029	**4**	<0.028	0.7	<0.029	<0.03	1.2	0.062
Benzo(k)fluoranthene	9	---	1,700	---	250	0.99	<0.028	**1.4**	<0.029	**5.9**	<0.028	0.52	<0.029	0.032	0.95	0.074
Chrysene	88	---	17,000	---	800	1.2	<0.028	**3.1**	<0.029	**8.2**	<0.028	1.6	<0.029	0.043	2.5	0.25
Dibenzo(a,h)anthracene	0.09	---	17	---	7.6	0.20	<0.028	**0.29**	<0.029	**0.62**	<0.028	0.16	<0.029	<0.03	**0.23**	<0.029
Fluoranthene	3,100	---	82,000	---	21,000	2.7	<0.028	**6.3**	<0.029	**18**	<0.028	3.6	0.03	0.081	**4.7**	0.53
Fluorene	3,100	---	82,000	---	2,800	0.10	<0.028	**0.55**	<0.029	**1.9**	<0.028	0.35	<0.029	<0.03	**0.25**	0.12
Indeno(1,2,3-cd)pyrene	0.9	---	170	---	69	0.86	<0.028	**1.4**	<0.029	**3.8**	<0.028	0.81	<0.029	<0.03	**1.2**	0.063
Naphthalene	1,600	170	4,100	1.8	18	0.04	<0.028	0.19	<0.029	0.4	<0.028	0.1	<0.029	<0.03	0.078	0.2
Phenanthrene	2,300	---	61,000	---	1,000	1.3	<0.028	4.2	<0.029	14	<0.028	2.5	<0.029	0.07	2.8	0.58
Pyrene	2,300	---	61,000	---	21,000	1.9	<0.028	5.3	<0.029	15	<0.028	3	<0.029	0.067	4.2	0.46
OTHER SVOCs																
Aniline	110	81	1,400	8.4	0.063	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	0.003	0.009	0.54	0.02	2.20E-06	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	310,000	---	820,000	---	400	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	39,000	6,100	200,000	6,100	15	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	0.6	0.2	75	0.66	0.0004	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	46	31,000	4,100	31,000	31,000	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	16,000	930	410,000	930	930	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	32	---	6,200	---	2.8	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	310	---	820	---	0.7	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	6,300	---	160,000	---	240	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	390	53,000	10,000	53,000	20	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	160	---	4,100	---	30	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	7,000	560	18,000	310	43	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	---	11,000	---	340	11	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3´-Dichlorobenzidine	1	---	280	---	0.033	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	230	---	610	---	1	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	63,000.0	2,000.0	1,000,000	2,000	470	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	1,600.0	---	41,000	---	9	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	7.8	---	820	---	pH	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	160	---	410	---	0.2	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.9	---	180	---	0.0008	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	0.9	---	180	---	0.0007	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	7,800	2,300	200,000	2,300	2,300	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	1,600	10,000	4,100	10,000	10,000	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.4	1	78	2.6	11	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	78	150	200	70	11	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	550	10	14,000	1.1	2,200	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	78	---	2,000	---	2.6	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	15,600	4,600	410,000	4,600	8	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	310	---	820	---	9.5	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	3,900	---	100,000	---	15	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	390	---	1,000	---	0.20	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	230	35	610	3.6	0.14	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	23	250	61	26	0.010	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	230	1,000	610	110	0.10	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	630	---	16,000	---	pH	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	39	92	1,000	9.4	0.1	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodi-n-propylamine	0.09	---	18	---	0.00005	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	0.013	0.012	1.6	0.032	6.70E-06	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	130	---	25,000	---	5.6	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2, 2'-oxybis(1-Chloropropar	---	---	---	---	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	3	---	520	---	0.14	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	23,000	---	61,000	---	100	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	78	200,000	2,000	200,000	pH	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	780	3,200	2,000	920	53	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	7,800	---	200,000	---	1,400	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	58	200	11,000	540	0.77	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

1. NA = Not analyzed.
2. **Bold** and highlighted = Concentration exceeds Tier 1 SRO.

Versar INC

Pritzker Park
Inorganic Soil Analytical Results
(mg/kg)

Analyte	Tier 1 Soil Remediation Objectives					Sample Identification, Date, and Depth (feet)																	
	Residential		Construction Worker		Soil Comp. of GW Ingestion	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6	B-7	B-7	B-8	B-8	B-9	B-9	B-10	B-10
						03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05
	Ingestion	Inhalation	Ingestion	Inhalation	Class II	0 - 3	3 - 6	0 - 3	6 - 9	0 - 3	9 - 12	0 - 3	9 - 12	0 - 3	3 - 6	0 - 3	6 - 9	0 - 3	3 - 6	0 - 3	3 - 6	0 - 3	9 - 11	0 - 3	6 - 9
Arsenic	13	750	61	25,000	120	**29**	9.6	**29**	13	**21**	3.9	**30**	3	**26**	13	**25**	9.9	**34**	7.8	**27**	**17**	**27**	6.6	**22**	8.1
Barium	5,500	690,000	14,000	870,000	2,100	**64**	93	64	150	65	28	59	17	55	150	54	150	68	140	56	89	82	18	100	57
Beryllium	160	1,300	410	44,000	1,000,000	NA	NA	0.57	0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	78	1,800	200	59,000	4,300	<0.55	0.61	<0.53	0.58	<0.56	<0.61	<0.55	<0.54	<0.57	<0.59	<0.54	0.73	<0.55	<0.56	<0.56	<0.57	<0.57	<0.56	<0.56	<0.55
Calcium	---	---	---	---	---	NA	NA	140000	74000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	230	270	4,100	690	---	12	17	12	21	11	10	12	6.9	11	21	11	18	12	20	12	18	13	7.3	16	21
Cobalt	4,700	---	12,000	---	---	NA	NA	13	8.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	2,900	---	8,200	---	330,000	NA	NA	43	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	1,600	---	4,100	---	120	NA	NA	<0.28	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	55,000	---	140,000	---	---	NA	NA	44000	24000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	400	---	700	---	1,420	31	120	32	67	30	9.1	33	13	28	57	28	210	37	79	30	71	32	8.2	69	29
Magnesium	325,000	---	730,000	---	---	NA	NA	78000	34000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	1,600	69,000	4,100	8,700	---	NA	NA	760	550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	23	10	61	0.1	40	<0.028	0.27	<0.027	0.54	<0.029	<0.029	<0.029	<0.028	<0.026	0.059	<0.026	0.11	<0.029	0.26	<0.028	<0.03	<0.029	<0.029	0.04	0.031
Nickel	1,600	13,000	4,100	440,000	76,000	NA	NA	29	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	---	---	---	---	---	NA	NA	1100	2300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	390	---	1,000	---	2.4	<1.1	<1.1	<1.1	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	1.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Silver	390	---	1,000	---	---	<1.1	<1.1	<1.1	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Sodium	---	---	---	---	---	NA	NA	230	510	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	6.3	---	160	---	38	NA	NA	1.1	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	550	---	1,400	---	---	NA	NA	21	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	23,000	---	61,000	---	110,000	NA	NA	79	93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Additional Analyses																									
pH	---	---	---	---	---	7.9	7.9	8.1	8.4	8.0	8.1	8.1	8.3	7.9	7.8	8.0	8.1	8.2	8.0	8.0	8.1	8.1	8.2	8.2	8.6
FOC	---	---	---	---	---	NA	NA	NA	NA	1.49	3.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

1. Analyses performed using EPA SW-846 methodology.
2. **Bold** and highlighted = Concentration exceeds Tier 1 SRO.
3. NA = Not analyzed.

Versar INC

Pritzker Park
Soil VOC Analytical Results
(mg/kg)

	Residential Exposure Route		Construction Worker Exposure Route		Soil Comp.of Gdwtr Ing.	B-1	B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6	B-7	B-7	B-8	B-8	B-9	B-9	B-10	B-10
						03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05	03/03/05
Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class II	0 - 3	3 - 6	0 - 3	6 - 9	0 - 3	9 - 12	0 - 3	9 - 12	0 - 3	3 - 6	0 - 3	6 - 9	0 - 3	3 - 6	0 - 3	3 - 6	0 - 3	9 - 11	0 - 3	6 - 9
Acetone	70,000	100,000	-----	100,000	25	NA	NA	0.027	0.071	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	12	0.8	2,300	2.2	0.17	<0.0045	<0.005	<0.0053	<0.0048	<0.0052	<0.0054	<0.0052	<0.0047	<0.005	<0.0053	<0.0051	<0.0049	<0.0054	<0.007	<0.0054	<0.0063	<0.0046	<0.0054	<0.0059	0.0058
Bromodichloromethane	10	3,000	2,000	3,000	0.6	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	81	53	16,000	140	0.8	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	110	10	1,000	3.9	1.2	NA	NA	<0.011	<0.0096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	47,000	25,000	120,000	710	17	NA	NA	<0.011	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	7,800	720	20,000	9	160	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	5	0.3	410	0.9	0.33	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	1,600	130	4,100	1.3	6.5	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	---	1,500	20,000	95	---	NA	NA	<0.011	<0.0096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100	0.3	2,000	0.76	2.9	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	---	---	---	---	---	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	1,600	1,300	41,000	1,300	0.4	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	7,800	1,300	200,000	130	110	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	7	0.4	1,400	0.99	0.1	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	3,900	290	10,000	3	0.3	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	780	1,200	20,000	1,200	1.1	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	1,600	3,100	41,000	3,100	3.4	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	9	15	1,800	0.5	0.15	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	6.4	1.1	1,200	0.39	0.02	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	6.4	1.1	1,200	0.39	0.02	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	7,800	400	20,000	58	19	<0.0045	<0.005	<0.0053	<0.0048	<0.0052	<0.0054	<0.0052	<0.0047	<0.005	<0.0053	<0.0051	<0.0049	<0.0054	<0.007	<0.0054	<0.0063	<0.0046	<0.0054	<0.0059	<0.0047
2-Hexanone	---	---	---	---	---	NA	NA	<0.011	<0.0096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	---	3,100	---	340	---	NA	NA	<0.011	<0.0096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	85	13	12,000	34	0.2	NA	NA	<0.011	<0.0096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tertiary-butyl ether	780	8,800	2,000	140	0.32	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	16,000	1,500	41,000	430	18	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	4,700	2,000	12,000	2,000	3.3	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	12	11	2,400	28	0.3	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	16,000	650	410,000	42	29	<0.0045	<0.005	0.0057	<0.0048	<0.0052	<0.0054	<0.0052	<0.0047	0.0055	<0.0053	0.0057	<0.0049	<0.0054	<0.007	<0.0054	<0.0063	<0.0046	<0.0054	<0.0059	<0.0047
1,1,1-Trichloroethane	---	1,200	---	1,200	9.6	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	310	1,800	8,200	1,800	0.3	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	58	5	1,200	12	0.3	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.46	0.28	170	1.1	0.07	NA	NA	<0.0053	<0.0048	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	16,000	320	41,000	5.6	150	<0.0091	<0.0099	<0.011	<0.0096	<0.01	<0.011	<0.01	<0.0094	<0.01	<0.011	<0.01	<0.0097	<0.011	<0.014	<0.011	<0.013	<0.0092	<0.011	<0.012	<0.0095

GROUNDWATER ANALYTICAL SUMMARY TABLES

Versar INC

Pritzker Park
Groundwater Inorganic Analytical Results
(mg/l)

Analyte	Tier 1 GW Remediation Objective Class II	Sample Identification and Date							
		MW-1	MW-2	TMW-3	MW-3	TMW-4	MW-4	TMW-5	MW-5
		07/20/05	07/20/05	03/03/05	07/20/05	03/03/05	07/20/05	03/03/05	07/20/05
Aluminum	5.0	NA	NA	NA	NA	2.5	NA	NA	NA
Antimony	0.024	NA	NA	NA	NA	<0.006	NA	NA	NA
Arsenic	0.2	NA	NA	0.046	NA	0.012	NA	NA	NA
Barium	2.0	NA	NA	1.6	NA	0.083	NA	NA	NA
Beryllium	0.5	NA	NA	NA	NA	<0.002	NA	NA	NA
Cadmium	0.05	NA	NA	0.0027	NA	<0.002	NA	NA	NA
Calcium	---	NA	NA	NA	NA	220	NA	NA	NA
Chromium	1.0	0.0095	0.012	0.11	0.011	0.013	0.011	NA	0.013
Cobalt	1.0	NA	NA	NA	NA	<0.004	NA	NA	NA
Copper	0.65	NA	NA	NA	NA	0.079	NA	NA	NA
Cyanide	0.6	NA	NA	NA	NA	<0.005	NA	NA	NA
Iron	5.0	**10**	3.8	NA	**8.1**	**5.7**	**6.8**	NA	**8.8**
Lead	0.1	0.0043	0.009	1*	0.0049	0.39*	0.032	NA	0.0036
Magnesium	---	NA	NA	NA	NA	170	NA	NA	NA
Manganese	10.0	0.4	0.26	NA	0.33	0.22	1.1	NA	1
Mercury	0.01	<0.00025	<0.00025	0.001	<0.00025	0.004	<0.00025	NA	<0.00025
Nickel	2.0	NA	NA	NA	NA	0.011	NA	NA	NA
Potassium	---	NA	NA	NA	NA	44	NA	NA	NA
Selenium	0.05	NA	NA	0.0045	NA	<0.004	NA	NA	NA
Silver	0.05	NA	NA	<0.004	NA	0.029	NA	NA	NA
Sodium	---	NA	NA	NA	NA	46	NA	NA	NA
Thallium	0.02	NA	NA	NA	NA	<0.004	NA	NA	NA
Vanadium	0.1	NA	NA	NA	NA	<0.001	NA	NA	NA
Zinc	10	NA	NA	NA	NA	0.27	NA	NA	NA

NOTES:

1. * Turbid Sample, resampled 7/20/05 from permanent well
2. NA = Not analyzed
3. **Bold** and highlighted = Concentration exceeds Tier 1 GRO.

Versar INC

Pritzker Park
Pesticide/PCB Groundwater Analytical Results
(mg/L)

			Sample ID/ Date
	Analyte	Tier 1 GRO	TMW-4
		Class II	03/03/05
PCBs	Aroclor 1016	0.0025	<0.0005
	Aroclor 1221	0.0025	<0.0005
	Aroclor 1232	0.0025	<0.0005
	Aroclor 1242	0.0025	<0.0005
	Aroclor 1248	0.0025	<0.0005
	Aroclor 1254	0.0025	<0.0005
	Aroclor 1260	0.0025	<0.0005
PESTICIDES	4,4´-DDD	0.07	<0.0001
	4,4´-DDE	0.05	<0.0001
	4,4´-DDT	0.03	<0.0001
	Aldrin	0.07	<0.00005
	alpha-BHC	0.00055	<0.00005
	alpha-Chlordane	---	0.00005
	beta-BHC	---	<0.00005
	Chlordane	0.01	<0.0005
	delta-BHC	---	<0.00005
	Dieldrin	0.045	<0.0001
	Endosulfan I	0.21	<0.00005
	Endosulfan II	---	<0.0001
	Endosulfan sulfate	---	<0.0001
	Endrin	0.01	<0.0001
	Endrin aldehyde	---	<0.0001
	Endrin ketone	---	<0.0001
	gamma-BHC	0.001	<0.00005
	gamma-Chlordane	---	<0.00005
	Heptachlor	0.002	<0.00005
	Heptachlor epoxide	0.001	<0.00005
	Methoxychlor	0.2	<0.00005
	Toxaphene	0.015	<0.001

Versar INC

Pritzker Park
Groundwater VOC Analytical Results
(mg/L)

Analyte	Tier 1 Groundwater Remediation Objective	Sample ID and Date		
		TMW-3	TMW-4	TMW-5
	Class II	03/03/05	03/03/05	03/03/05
Acetone	6.3	NA	<0.01	NA
Benzene	0.025	<0.005	<0.005	<0.005
Bromodichloromethane	0.0002	NA	<0.005	NA
Bromoform	0.001	NA	<0.005	NA
Bromomethane	0.049	NA	<0.01	NA
2-Butanone	4.2	NA	<0.01	NA
Carbon disulfide	3.5	NA	<0.005	NA
Carbon tetrachloride	0.025	NA	<0.005	NA
Chlorobenzene	0.5	NA	<0.005	NA
Chloroethane	---	NA	<0.01	NA
Chloroform	0.001	NA	<0.005	NA
Chloromethane	---	NA	<0.005	NA
Dibromochloromethane	0.14	NA	<0.005	NA
1,1-Dichloroethane	3.5	NA	<0.005	NA
1,2-Dichloroethane	0.025	NA	<0.005	NA
1,1-Dichloroethene	0.035	NA	<0.005	NA
cis-1,2-Dichloroethene	0.2	NA	<0.005	NA
trans-1,2-Dichloroethene	0.5	NA	<0.005	NA
1,2-Dichloropropane	0.025	NA	<0.005	NA
cis-1,3-Dichloropropene	0.005	NA	<0.005	NA
trans-1,3-Dichloropropene	0.005	NA	<0.005	NA
Ethylbenzene	1.0	<0.005	<0.005	<0.005
2-Hexanone	---	NA	<0.01	NA
4-Methyl-2-pentanone	---	NA	<0.01	NA
Methylene chloride	0.05	NA	<0.005	NA
Methyl tertiary-butyl ether	0.07	NA	<0.005	NA
Styrene	0.5	NA	<0.005	NA
1,1,2,2-Tetrachloroethane	0.42	NA	<0.005	NA
Tetrachloroethene	0.025	NA	<0.005	NA
Toluene	2.5	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	1.0	NA	<0.005	NA
1,1,2-Trichloroethane	0.05	NA	<0.005	NA
Trichloroethene	0.025	NA	<0.005	NA
Vinyl chloride	0.01	NA	<0.005	NA
Xylenes, Total	10.0	<0.01	<0.01	<0.01

Versar INC

Pritzker Park
SVOC Groundwater Analytical Results
(mg/L)

Analyte	Tier 1 Groundwater Remediation Objective	Sample Identification and Date						
		MW-1	MW-2	TMW-3	MW-3	TMW-4	MW-4	MW-5
PNAs	**Class II**	07/21/05	07/21/05	03/03/05	07/21/05	03/03/05	07/21/05	07/21/05
Acenaphthene	2.1	<0.0002	<0.0002	0.00073	<0.0002	<0.0002	<0.0002	<0.0002
Acenaphthylene	1.05	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Anthracene	10.5	<0.0002	<0.0002	0.00029	<0.0002	<0.0002	<0.0002	<0.0002
Benzo(a)anthracene	0.00065	<0.00013	<0.00013	0.00027	<0.00013	<0.00013	<0.00013	<0.00013
Benzo(a)pyrene	0.002	<0.0002	<0.0002	0.00021	<0.0002	<0.0002	<0.0002	<0.0002
Benzo(b)fluoranthene	0.0009	<0.00018	<0.00018	0.00025	<0.00018	<0.00018	<0.00018	<0.00018
Benzo(g,h,i)perylene	1.05	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo(k)fluoranthene	0.00085	<0.00017	<0.00017	0.00017	<0.00017	<0.00017	<0.00017	<0.00017
Chrysene	0.0075	<0.0001	<0.0001	0.00029	<0.0001	<0.0001	<0.0001	<0.0001
Dibenzo(a,h)anthracene	0.0015	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoranthene	1.4	<0.0002	<0.0002	0.00082	<0.0002	<0.0002	<0.0002	<0.0002
Fluorene	1.4	<0.0002	<0.0002	0.00045	<0.0002	<0.0002	<0.0002	<0.0002
Indeno(1,2,3-cd)pyrene	0.00215	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Naphthalene	0.22	<0.0001	<0.0001	0.00068	<0.0001	0.00014	<0.0001	<0.0001
Phenanthrene	1.05	<0.0002	<0.0002	0.0013	<0.0002	<0.0002	<0.0002	<0.0002
Pyrene	1.05	<0.0002	<0.0002	0.00065	<0.0002	<0.0002	<0.0002	<0.0002
Other SVOCs								
Aniline	0.023	NA	NA	NA	NA	<0.012	NA	NA
Benzidine	---	NA	NA	NA	NA	<0.012	NA	NA
Benzoic acid	28	NA	NA	NA	NA	<0.012	NA	NA
Benzyl alcohol	3.5	NA	NA	NA	NA	<0.005	NA	NA
Bis(2-chloroethoxy)methane	---	NA	NA	NA	NA	<0.005	NA	NA
Bis(2-chloroethyl)ether	0.01	NA	NA	NA	NA	<0.005	NA	NA
Bis(2-ethylhexyl)phthalate	0.06	NA	NA	NA	NA	<0.005	NA	NA
4-Bromophenyl phenyl ether	---	NA	NA	NA	NA	<0.005	NA	NA
Butyl benzyl phthalate	7.0	NA	NA	NA	NA	<0.005	NA	NA
Carbazole	---	NA	NA	NA	NA	<0.012	NA	NA
4-Chloroaniline	0.028	NA	NA	NA	NA	<0.005	NA	NA
4-Chloro-3-methylphenol	---	NA	NA	NA	NA	<0.005	NA	NA
2-Chloronaphthalene	2.8	NA	NA	NA	NA	<0.005	NA	NA
2-Chlorophenol	0.175 / 0.035 *	NA	NA	NA	NA	<0.005	NA	NA
4-Chlorophenyl phenyl ether	---	NA	NA	NA	NA	<0.005	NA	NA
Dibenzofuran	0.07	NA	NA	NA	NA	<0.005	NA	NA
1,2-Dichlorobenzene	1.5	NA	NA	NA	NA	<0.005	NA	NA
1,3-Dichlorobenzene	---	NA	NA	NA	NA	<0.005	NA	NA
1,4-Dichlorobenzene	0.375	NA	NA	NA	NA	<0.005	NA	NA
3,3´-Dichlorobenzidine	0.1	NA	NA	NA	NA	<0.01	NA	NA
2,4-Dichlorophenol	0.021	NA	NA	NA	NA	<0.005	NA	NA
Diethyl phthalate	5.6	NA	NA	NA	NA	<0.005	NA	NA
2,4-Dimethylphenol	0.14	NA	NA	NA	NA	<0.005	NA	NA
Dimethyl phthalate	---	NA	NA	NA	NA	<0.005	NA	NA
4,6-Dinitro-2-methylphenol	0.0007	NA	NA	NA	NA	<0.012	NA	NA
2,4-Dinitrophenol	0.014	NA	NA	NA	NA	<0.012	NA	NA
2,4-Dinitrotoluene	0.00002	NA	NA	NA	NA	<0.005	NA	NA
2,6-Dinitrotoluene	0.00031	NA	NA	NA	NA	<0.005	NA	NA
Di-n-butyl phthalate	3.5	NA	NA	NA	NA	<0.005	NA	NA
Di-n-octyl phthalate	0.7	NA	NA	NA	NA	<0.005	NA	NA
Hexachlorobenzene	0.0003	NA	NA	NA	NA	<0.005	NA	NA
Hexachlorobutadiene	0.035	NA	NA	NA	NA	<0.005	NA	NA
Hexachlorocyclopentadiene	0.5	NA	NA	NA	NA	<0.005	NA	NA
Hexachloroethane	0.035	NA	NA	NA	NA	<0.005	NA	NA
Isophorone	1.4	NA	NA	NA	NA	<0.005	NA	NA
2-Methylnaphthalene	0.14	NA	NA	NA	NA	<0.005	NA	NA
2-Methylphenol	0.35	NA	NA	NA	NA	<0.005	NA	NA
4-Methylphenol	0.035	NA	NA	NA	NA	<0.005	NA	NA
2-Nitroaniline	0.021	NA	NA	NA	NA	<0.012	NA	NA
3-Nitroaniline	0.0021	NA	NA	NA	NA	<0.012	NA	NA
4-Nitroaniline	0.021	NA	NA	NA	NA	<0.012	NA	NA
2-Nitrophenol	---	NA	NA	NA	NA	<0.005	NA	NA
4-Nitrophenol	0.056	NA	NA	NA	NA	<0.012	NA	NA
Nitrobenzene	0.0035	NA	NA	NA	NA	<0.005	NA	NA
N-Nitrosodi-n-propylamine	0.0018	NA	NA	NA	NA	<0.005	NA	NA
N-Nitrosodimethylamine	0.0006	NA	NA	NA	NA	<0.005	NA	NA
N-Nitrosodiphenylamine	0.016	NA	NA	NA	NA	<0.005	NA	NA
2, 2'-oxybis(1-Chloropropan	---	NA	NA	NA	NA	<0.005	NA	NA
Pentachlorophenol	0.005	NA	NA	NA	NA	<0.005	NA	NA
Phenol	0.1	NA	NA	NA	NA	<0.005	NA	NA
Pyridine	0.007	NA	NA	NA	NA	<0.012	NA	NA
1,2,4-Trichlorobenzene	0.7	NA	NA	NA	NA	<0.005	NA	NA
2,4,5-Trichlorophenol	3.5 / 0.7 *	NA	NA	NA	NA	<0.005	NA	NA
2,4,6-Trichlorophenol	0.05 / 0.01 *	NA	NA	NA	NA	<0.005	NA	NA

NOTES:

1. NA = Not analyzed

Appendix A

Laboratory Analytical Data for Imported Soil

March 31, 2009

Jenny Smith

Speedy Gonzalez
10624 S. Torrence
Chicago, IL 60617-

Work Order No.: ME0903778

RE: Pritzer Park/334 South State St.

Dear Jenny Smith:

Microbac Laboratories, Inc. received 1 sample on 3/20/2009 2:38:00 PM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,
Microbac Laboratories, Inc.

Carey A. Gadzala
Project Manager

Enclosures

WORK ORDER SAMPLE SUMMARY

Date: *Tuesday, March 31, 2009*

CLIENT:
Project: Pritzer Park/334 South State St.
Lab Order: ME0903778

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME0903778-01A	Morton St.& 78th St Mer		3/20/2009 2:15:00 PM	3/20/2009

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ANALYTICAL RESULTS

Date: *Tuesday, March 31, 2009*

Client:
Client Project: Pritzer Park/334 South State St.
Client Sample ID: Morton St.& 78th St Merrilliville, IN
Sample Description:
Sample Matrix: Soil

Work Order / ID: ME0903778-01
Collection Date: 03/20/09 14:15
Date Received: 03/20/09 14:38

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
PESTICIDES/PCBS	Method: **SW8081A/8082**			Prep Date/Time: **03/24/09 10:00**	Analyst: **MLT**		
4,4´-DDD	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
4,4´-DDE	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
4,4´-DDT	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aldrin	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Alpha-BHC	A	***ND***	7.0		µg/Kg-dry	1	03/27/09 06:56
Beta-BHC	A	***ND***	18		µg/Kg-dry	1	03/27/09 06:56
Chlordane	A	***ND***	350		µg/Kg-dry	1	03/27/09 06:56
delta-BHC	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Dieldrin	A	***ND***	1.7		µg/Kg-dry	1	03/27/09 06:56
Endosulfan I	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Endosulfan II	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Endosulfan Sulfate	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Endrin	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Endrin Aldehyde	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Endrin Ketone	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Gamma-BHC	A	***ND***	7.0		µg/Kg-dry	1	03/27/09 06:56
Heptachlor	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Heptachlor Epoxide	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Methoxychlor	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Toxaphene	A	***ND***	350		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1016	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1221	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1232	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1242	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1248	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1254	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1260	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1262	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Aroclor 1268	A	***ND***	35		µg/Kg-dry	1	03/27/09 06:56
Surr: Tetrachloro-m-xylene	S	130	38.2-130	S	%REC	1	03/27/09 06:56
Surr: Decachlorobiphenyl	S	110	38.1-158		%REC	1	03/27/09 06:56
TOTAL METALS	Method: **SW6020A**			Prep Date/Time: **03/23/09 16:35**	Analyst: **RPL**		
Antimony	A	***ND***	4.1		mg/Kg-dry	20	03/24/09 19:13
Arsenic	A	***5.4***	2.0		mg/Kg-dry	20	03/24/09 19:13
Beryllium	A	***0.98***	0.20		mg/Kg-dry	20	03/25/09 13:26
Cadmium	A	***0.52***	0.41		mg/Kg-dry	20	03/24/09 19:13
Chromium	A	***22***	0.61		mg/Kg-dry	20	03/24/09 19:13
Copper	A	***16***	2.0		mg/Kg-dry	20	03/24/09 19:13

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ANALYTICAL RESULTS

Date: *Tuesday, March 31, 2009*

Client:
Client Project: Pritzer Park/334 South State St.
Client Sample ID: Morton St.& 78th St Merrilliville, IN
Sample Description:
Sample Matrix: Soil

Work Order / ID: ME0903778-01
Collection Date: 03/20/09 14:15
Date Received: 03/20/09 14:38

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
TOTAL METALS	Method: **SW6020A**				Prep Date/Time: **03/23/09 16:35**		Analyst: **RPL**
Lead	A	***21***	1.5		mg/Kg-dry	20	03/24/09 19:13
Nickel	A	***21***	2.0		mg/Kg-dry	20	03/24/09 19:13
Selenium	A	***ND***	1.0		mg/Kg-dry	20	03/24/09 19:13
Silver	A	***ND***	2.0		mg/Kg-dry	20	03/24/09 19:13
Thallium	A	***ND***	1.0		mg/Kg-dry	20	03/24/09 19:13
Zinc	A	***67***	4.1		mg/Kg-dry	20	03/24/09 19:13
TOTAL METALS	Method: **SW7471A**				Prep Date/Time: **03/23/09 20:00**		Analyst: **GJM**
Mercury	A	***0.065***	0.041		mg/Kg-dry	1	03/24/09 14:22
SEMIVOLATILE ORGANICS	Method: **SW8270C**				Prep Date/Time: **03/26/09 10:30**		Analyst: **NLT**
Acetophenone	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Aniline	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
4-Bromophenyl phenyl ether	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Benzidine	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
Benzoic acid	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
Bis(2-ethylhexyl)phthalate	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Benzyl alcohol	A	***ND***	690		µg/Kg-dry	1	03/27/09 14:19
Bis(2-chloroethoxy)methane	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Bis(2-chloroethyl)ether	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2,2´-oxybis(1-chloropropane)	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Butyl benzyl phthalate	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Carbazole	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
4-Chloro-3-methylphenol	A	***ND***	690		µg/Kg-dry	1	03/27/09 14:19
4-Chloroaniline	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2-Chloronaphthalene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2-Chlorophenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
4-Chlorophenyl phenyl ether	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Dibenzofuran	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
1,2-Dichlorobenzene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
1,3-Dichlorobenzene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
1,4-Dichlorobenzene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
3,3´-Dichlorobenzidine	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
2,4-Dichlorophenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2,6-Dichlorophenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Diethyl phthalate	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Dimethyl phthalate	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2,4-Dimethylphenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Di-n-butyl phthalate	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Di-n-octyl phthalate	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19

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ANALYTICAL RESULTS

Date: *Tuesday, March 31, 2009*

Client:
Client Project: Pritzer Park/334 South State St.
Client Sample ID: Morton St.& 78th St Merrilliville, IN
Sample Description:
Sample Matrix: Soil

Work Order / ID: ME0903778-01
Collection Date: 03/20/09 14:15
Date Received: 03/20/09 14:38

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
SEMIVOLATILE ORGANICS Method: **SW8270C** Prep Date/Time: **03/26/09 10:30** Analyst: **NLT**							
4,6-Dinitro-2-methylphenol	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
2,4-Dinitrophenol	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
2,4-Dinitrotoluene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2,6-Dinitrotoluene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
1,2-Diphenyl-hydrazine	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Hexachlorobenzene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Hexachlorobutadiene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Hexachlorocyclopentadiene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Hexachloroethane	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Isophorone	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2-Methylnaphthalene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2-Methylphenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
3/4-Methylphenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2-Nitroaniline	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
3-Nitroaniline	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
4-Nitroaniline	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
2-Nitrophenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
4-Nitrophenol	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
N-Nitrosodi-n-propylamine	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
N-Nitrosodimethylamine	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
N-Nitrosodiphenylamine	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Nitrobenzene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Pentachlorophenol	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
Phenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Pyridine	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
1,2,4-Trichlorobenzene	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
2,4,5-Trichlorophenol	A	***ND***	1700		µg/Kg-dry	1	03/27/09 14:19
2,4,6-Trichlorophenol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Acenaphthene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Acenaphthylene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Anthracene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Benzo[a]anthracene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Benzo[a]pyrene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Benzo[b]fluoranthene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Benzo[g,h,i]perylene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Benzo[k]fluoranthene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Chrysene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Dibenz[a,h]anthracene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Fluoranthene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Fluorene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19

ANALYTICAL RESULTS

Date: *Tuesday, March 31, 2009*

Client:
Client Project: Pritzer Park/334 South State St.
Client Sample ID: Morton St.& 78th St Merrilliville, IN
Sample Description:
Sample Matrix: Soil

Work Order / ID: ME0903778-01
Collection Date: 03/20/09 14:15
Date Received: 03/20/09 14:38

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
SEMIVOLATILE ORGANICS	Method: **SW8270C**				Prep Date/Time: **03/26/09 10:30**		Analyst: **NLT**
Indeno[1,2,3cd]pyrene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Naphthalene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Phenanthrene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Pyrene	A	***ND***	53		µg/Kg-dry	1	03/27/09 14:19
Total Cresol	A	***ND***	350		µg/Kg-dry	1	03/27/09 14:19
Surr: Nitrobenzene-d5	S	63.4	10-139		%REC	1	03/27/09 14:19
Surr: 2-Fluorobiphenyl	S	63.5	10-124		%REC	1	03/27/09 14:19
Surr: Terphenyl-d14	S	56.2	10-157		%REC	1	03/27/09 14:19
Surr: Phenol-d5	S	75.6	10-97.5		%REC	1	03/27/09 14:19
Surr: 2-Fluorophenol	S	73.2	10-91.4		%REC	1	03/27/09 14:19
Surr: 2,4,6-Tribromophenol	S	88.7	10-107		%REC	1	03/27/09 14:19
VOLATILE ORGANICS (5035)	Method: **SW5035/8260B**				Prep Date/Time:		Analyst: **CLR**
Acetone	A	***ND***	280		µg/Kg-dry	1	03/24/09 18:20
Acrolein	A	***ND***	140		µg/Kg-dry	1	03/24/09 18:20
Acrylonitrile	A	***ND***	140		µg/Kg-dry	1	03/24/09 18:20
Benzene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Bromodichloromethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Bromoform	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Bromomethane	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
2-Butanone	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
Carbon Disulfide	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
Carbon tetrachloride	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Chlorobenzene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Chloroethane	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
Chloroform	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Chloromethane	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
Dibromochloromethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,1-Dichloroethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,2-Dichloroethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,1-Dichloroethene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
cis-1,2-Dichloroethene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
trans-1,2-Dichloroethene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,2-Dichloropropane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
cis-1,3-Dichloropropene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
trans-1,3-Dichloropropene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Ethylbenzene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
2-Hexanone	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
4-Methyl-2-Pentanone	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20

Microbac®

ANALYTICAL RESULTS

Date: *Tuesday, March 31, 2009*

Client:
Client Project: Pritzer Park/334 South State St.
Client Sample ID: Morton St.& 78th St Merrilliville, IN
Sample Description:
Sample Matrix: Soil

Work Order / ID: ME0903778-01
Collection Date: 03/20/09 14:15
Date Received: 03/20/09 14:38

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
VOLATILE ORGANICS (5035)	Method: **SW5035/8260B**		Prep Date/Time:				Analyst: **CLR**
Methyl-t-Butyl Ether	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Methylene chloride	A	***ND***	28		µg/Kg-dry	1	03/24/09 18:20
Styrene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,1,1,2-Tetrachloroethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,1,2,2-Tetrachloroethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Tetrachloroethene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Toluene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,1,1-Trichloroethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
1,1,2-Trichloroethane	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Trichloroethene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Trichlorofluoromethane	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
Vinyl Acetate	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
Vinyl chloride	A	***ND***	14		µg/Kg-dry	1	03/24/09 18:20
m,p-Xylene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
o-Xylene	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Total Xylenes	A	***ND***	7.1		µg/Kg-dry	1	03/24/09 18:20
Surr: 4-Bromofluorobenzene	S	83.8	40.1-140		%REC	1	03/24/09 18:20
Surr: Dibromofluoromethane	S	103	77.6-126		%REC	1	03/24/09 18:20
Surr: 1,2-Dichloroethane-d4	S	112	76.8-140		%REC	1	03/24/09 18:20
Surr: Toluene-d8	S	105	33-194		%REC	1	03/24/09 18:20
TOTAL CYANIDE	Method: **9012B**		Prep Date/Time: **03/23/09 08:03**				Analyst: **TMG**
Cyanide, Total	A	***ND***	0.23		mg/Kg	1	03/23/09 14:41
CORROSIVITY BY PH	Method: **SW9045C**		Prep Date/Time:				Analyst: **RJC**
pH	A	***6.3***	0.1		pH Units	1	03/23/09 16:09
PERCENT MOISTURE	Method: **2540B_18ED**		Prep Date/Time:				Analyst: **GJM**
Percent Moisture	A	***5.1***	0.10		WT%	1	03/23/09 16:31

FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed	N/A	=	Not Applicable			
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	=	Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	=	Nanograms per Liter (ppt)

U	=	Undetected
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL
D	=	Surrogate recoveries are not calculated due to sample dilution
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)
E	=	Value above quantitation range
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time
I	=	Matrix Interference
R	=	RPD outside accepted recovery limits
S	=	Spike recovery outside recovery limits
Surr	=	Surrogate

DF = Dilution Factor RL = Reporting Limit ST = Sample Type MDL = Method Detection Limit

SAMPLE TYPES

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #175458)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-02)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-08)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #0061)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)

Baltimore Division - Baltimore, MD
Camp Hill Division - Camp Hill, PA
Camp Hill Division (SC) - Pittston, PA
Chicagoland Division - Merrillville, IN
Chicagoland Division (SC) - Indianapolis, IN
Corona Division - Corona, CA
Erie Division - Erie, PA
Fayetteville Division - Fayetteville, NC
Hauser Division - Boulder, CO
Kentucky Division - Louisville, KY
Kentucky Division (Sat) - Evansville, IN
Kentucky Division (Sat) - Lexington, KY
Kentucky Division (Sat) - Paducah, KY
Knoxville Division - Maryville, TN
Massachusetts Division - Marlborough, MA
Microbac Corporate Office - Wexford, PA
Microbac NY - Cortland Office - Cortland, NY
Microbac NY - Waverly Office - Waverly, NY
New Castle Division - New Castle, PA
Pittsburgh Division - Warrendale, PA
Richmond Division - Richmond, VA
South Carolina Division - New Ellenton, SC
South Jersey Division - Turnersville, NJ
Southern Headquarters - Poquoson, VA
Southern Testing Division - Wilson, NC
Southern Testing Division (Sat) - Greensboro, NC
Venice Division - Venice, FL

COOLER INSPECTION

Date: Tuesday, March 31, 2009

Client Name

Work Order Number **ME0903778**

Checklist completed by DEB 3/20/2009 3:27:14 PM

Date / Time Received: **3/20/2009 2:38:00 PM**

Received by: DEB

Reviewed by CAG 3/25/2009 9:54:39 AM

Carrier name: Microbac

After-Hour Arrival?	Yes ☐	No ☑	
Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody included sufficient client identification?	Yes ☑	No ☐	
Chain of custody included sufficient sample collector information?	Yes ☑	No ☐	
Chain of custody included a sample description?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Chain of custody identified the appropriate matrix?	Yes ☑	No ☐	
Chain of custody included date of collection?	Yes ☑	No ☐	
Chain of custody included time of collection?	Yes ☑	No ☐	
Chain of custody identified the appropriate number of containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
If samples are preserved, are the preservatives identified?	Yes ☑	No ☐	
Samples properly preserved?	Yes ☑	No ☐	

If No, adjusted by? _____ Date/Time _____

Chain of custody included the requested analyses?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Samples received on ice?	Yes ☑	No ☐

Container/Temp Blank temperatures	Cooler	Temp
	1	11 ºC

VOA vials for aqueous samples have zero headspace? No VOA vials submitted ☑ Yes ☐ No ☐

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

General Comments:

Sample ID	Client Sample ID	Comments
ME0903778-01A	Morton St.& 78th St Merrilliville, IN	

ME0903778 WALK-IN CLIENT
Pritzer Park/334 South State St.
Speedy Gonzalez/ Jenny Smi
4/3/2009 CAG

Microbac ®

Samples Submitted to:
[ ] 250 West 84th Drive, Merrillville, IN 46410, Tel: 219-769-8378, Fax: 219-769-1664
[ ] 5713 West 85th Street, Indianapolis, IN 46278, Tel: 317-872-1375, Fax: 317-872-1379

Chain of Custody Record

Number 89516

Instructions on back

Client Name SPEEDY GONZALEZ UPS&P.	Project PRITZKER PARK	**Turnaround Time**	**Report Type**
Address 10624 SOUTH TORRENCE	Location 334 SOUTH STATE ST.	[ ] Routine (7 working days)	[ ] Results Only [ ] Level II
City, State, Zip CHICAGO IL 60617	PO #	[ ] RUSH* (notify lab)	[ ] Level III [ ] Level III CLP-like
Contact JENNY SMITH	Compliance Monitoring? [ ] Yes(1) [ ] No	_____ (needed by)	[ ] Level IV [ ] Level IV CLP-like
Telephone # 773-734 7780	(1)Agency/Program		[ ] EDD

Sampled by (PRINT) Jim MASS Sampler Signature [signature] Sampler Phone # 773 617 2326

Send Report via [ ] Mail [ ] Telephone [ ] Fax (fax #) _____ [ ] e-mail (address) _____

* **Matrix Types:** Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

** **Preservative Types:** (1) HNO3, (2) H2SO4, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses → Preservative Types **	HL-PP VOA								For Lab Use Only
Morton St. & 78th St. Merrillville IN.	S				3-20-09	215 PM	4	4, 6, 7	✓								0903778 01A

Possible Hazard Identification [ ] Hazardous [ ] Non-Hazardous [ ] Radioactive **Sample Disposition** [ ] Dispose as appropriate [ ] Return [ ] Archive

Comments	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
	[signature]	1530 3/20/09		
	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
	Relinquished By (signature)	Date/Time	Received for Lab By (signature) [signature]	Date/Time 3/20/09 1438

Sample temperature upon receipt in degrees C = 11°C

rev. 11/04/04

Page ____ of ____

Appendix B

Photographs of Remedial Action

State Street Sign (silt fence attached).

State Street Fence, facing north.

Fencing along Van Buren Street.

Clayey Silt soil stockpile..AM (shallow soil across site from previous re-development). This soil will be re-used within the SMZ on the west portion of the site.

Northeast quadrant….AM w/ drainage trench and mini-compactor.

Looking towards southeast corner…AM.

Southeast quadrant of site ….AM, recently imported stone was emplaced within Drainage basins and beneath wall foundations/footings.

Stacked debris from sewer replacement and concrete trim off outside sidewalks.

Southwest quadrant showing storm sewer re-work.

Southeast corner…PM 60-mil geotextile fabric has been installed.

Looking northeast…PM, concrete footings have been poured over emplaced stone, geotextile installation underway.

Stockpiling soil….PM.

Facing north, topsoil has been emplaced and contoured 4/7/09

Facing North, 4/7/09

Facing north along State Street; note geotextile, 4/7/09.

Facing west along north-adjacent building, 4/7/09.

Facing south along west property line, 4/7/09.

Workers framing within utility corridor, 4/7/09.

Soil within curbed enclosure, facing north along Plymouth Court, 4/7/09.

Facing west from Plymouth Court, 4/7/09.

Completed Park, May 2009, facing southeast from north property line.

Completed Park, May 2009, facing south from north property line.

Completed Park, May 2009, facing north from south property line.

Completed Park, May 2009, facing east from west property line.

Completed Park, May 2009, facing west from southeast corner of property.

Completed Park, May 2009, facing north from west-adjacent alley.

Appendix C

Engineered Barrier Material Specifications

Thrace-LINQ™
MEMBER THRACE GROUP

Product Data Sheet

140EX

A nonwoven geotextile fabric supplied by Thrace-LINQ, Inc., is manufactured from Polypropylene staple fiber. The fibers are randomly oriented and form a cohesive / stabilized needle punched fabric for use in many applications, such as separation, drainage, filtration, etc. This fabric has been UV stabilized and is resistant to commonly encountered chemicals, mildew and insects found in soil. .

PROPERTY	*TEST PROCEDURE*	*METRIC*		*ENGLISH*	
		MARV		MARV	
Grab Tensile Strength	ASTM D-4632	534	N	120	lbs
Grab Elongation	ASTM D-4632	50	%	50	%
Trapezoid Tear	ASTM D-4533	223	N	50	lbs
Puncture	ASTM D-4833	312	N	70	lbs
Puncture (CBR)	ASTM D-6241	1513	N	340	lbs
Mullen Burst	ASTM D-3786	1586	kPa	230	psi
Permittivity	ASTM D-4491	1.8	sec^{-1}	1.8	sec^{-1}
A.O.S.	ASTM D-4751	0.212	mm	70	U.S. Sieve
UV Stability (500 hrs)	ASTM D-4355	70	%	70	%
Water Flow Rate	ASTM D-4491	5501	lpm/m^2	135	gpm/ft^2

PACKAGING	*TEST PROCEDURE*	*METRIC*		*ENGLISH*	
		Typical		Typical	
Weight	ASTM D-5261	153	g/m^2	4.5	oz/yd^2
Thickness	ASTM D-5199	1.524	mm	60	mils
Roll sizes		3.81 x 109.7 4.57 x 91.4	m m	12.5 x 360 15 x 300	ft ft
Roll Area		418 418	m^2 m^2	500 500	yd^2 yd^2

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself or herself as to the suitability and completeness of such information for his or her own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against infringement.

Appendix D

City of Chicago Groundwater Ordinance

The following is said ordinance as passed:

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. The Municipal Code of the City of Chicago is hereby amended by adding a new Section 11-8-390, as follows:

11-8-390 Potable Water Wells.

For purposes of this section, "potable water" is any water used for human consumption, including but not limited to water used for drinking, bathing, washing dishes, preparing foods and watering gardens in which produce

intended for human consumption is grown. No groundwater well, cistern or other groundwater collection device installed after May 14, 1997, may be used to supply any potable water supply system, except at points of withdrawal by the City of Chicago or by a unit of local government pursuant to intergovernmental agreement with the City of Chicago.

SECTION 2. This ordinance shall be in full force and effect from and after its passage and approval.

STATE OF ILLINOIS,-
County of Cook. ss.

I, JAMES J. LASKI, City Clerk of the City of Chicago in the County of Cook and State of Illinois, DO HEREBY CERTIFY that the annexed and foregoing is a true and correct copy of that certain ordinance now on file in my office for an amendment of Title 11, Chapter 8 of Municipal Code of Chicago by addition of new Section 390 defining potable water and prohibiting use of certain groundwater collection device' to supply any potable water supply system.

I DO FURTHER CERTIFY that the said ordinance was adopted by the City Council of the said City of Chicago on the twenty-eighth (28th) day of November, A.D. 2001 and deposited in my office on the twenty-eighth (28th) day of November, A.D. 2001.

I DO FURTHER CERTIFY that the vote on the question of the adoption of the said ordinance by the said City Council was taken by yeas and nays and recorded in the Journal of the Proceedings of the said City Council, and that the result of said vote so taken was as follows, to wit:

Yeas 47, Nays 0.

I DO FURTHER CERTIFY that the said ordinance was delivered to the Mayor of the said City of Chicago after the adoption thereof by the said City Council, without delay, by the City Clerk of the said City of Chicago, and that the said Mayor failed to return the said ordinance to the said City Council with his written objections thereto at the next regular meeting of the said City Council occurring not less than five (5) days after the adoption of the said ordinance.

I DO FURTHER CERTIFY that the original, of which the foregoing is a true copy, is entrusted to my care for safe keeping, and that I am the lawful keeper of the same.

[L.S.]

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the City of Chicago aforesaid, at the said City, in the County and State aforesaid, this sixth (6th) day of December, A.D. 2001.

James J. Laski

JAMES J. LASKI, City Clerk.

MOU + TACO

City of Chicago
Richard M. Daley, Mayor

Department of Law
Susan S. Sher
Corporation Counsel

Suite 900
30 North LaSalle Street
Chicago, Illinois 60602
(312) 744-9010
(312) 744-6798 (FAX)

July 2, 1997

BY EXPRESS MAIL

RECEIVED
JUL 03 1997
I.E.P.A. / B.O.L.

Mr. Gary P. King
Manager, Division of Remediation Management
Bureau of Land
Illinois Environmental Protection Agency
1001 N. Grand Avenue, East
Springfield, IL 62702

Re: Memorandum of Understanding Between City of Chicago and IEPA

Dear Mr. King:

Enclosed please find two executed copies of the Memorandum of Understanding ("MOU") between the City of Chicago and the Illinois Environmental Protection Agency, pursuant to 35 Ill. Adm. Code 742.1015. As I discussed earlier with Mark Wight, the version of the MOU that is enclosed varies from the one you and he approved only in that there are two exhibits rather than three, since the new groundwater ordinance also includes a provision authorizing the City of Chicago's Commissioner of Environment to enter into this MOU, thus simultaneously satisfying the requirements of 35 Ill. Adm. Code 742.1015(i)(3) and 742.1015(i)(1), relating to required MOU attachments. As to the remaining attachment (identification of the legal boundaries within which the Potable Water Supply Well Ordinance is applicable), Mr. Wight said that a letter from a City official stating that the ordinance applied throughout the City would satisfy the requirements of 35 Ill. Adm. Code 742.1015(i)(2). A letter to that effect is attached as Exhibit B.

Please execute both documents and return the one marked "City Copy" to me for our files. If you have any questions, do not hesitate to contact me at 312-744-6904.

Sincerely,

Mort P. Ames

Mort P. Ames
Assistant Corporation Counsel

Encl.

cc w/o encl.: Henry L. Henderson
Jessica Rio
Jill Wineman

SCREENED

CHICAGO WORKS

FORM C.C. 424 3M 4-95

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. Chapter 11-8 of the Municipal Code of Chicago is hereby amended by adding a new Section 11-8-385 and by amending Section 11-8-390 by inserting the language in italics, as follows:

11-8-385 Potable Water Defined.

Potable water is any water used for human consumption, including, but not limited to water used for drinking, bathing, washing dishes, preparing foods and watering gardens in which produce intended for human consumption is grown.

11-8-390 Prohibited Use Of Secondary Water; *Prohibited Installation Of New Potable Water Supply Wells.*

No secondary water shall overflow into or be discharged into any surge tank, storage tank, or reservoir, or shall in any way be piped or conveyed into the water supply system of any building, structure, or premises to become a part of or be mixed with the fresh water supply from the mains of the Chicago Waterworks System either inside of the premises or in the water service pipe. Secondary water shall not be piped to or used in any plumbing fixture, or for cooling crushers, rollers, or mixers where foods, candies, liquids or materials are manufactured for human or animal consumption. No connection, tap, or opening shall be made in a water distribution system other than an approved water distribution system which will permit such water being used for drinking.

Wherever the fire-protective equipment in any building, structure or premises has service from the Chicago Waterworks System, no pipe or other conduit which conveys secondary water shall be cross-connected to the fire-protective equipment. All fire-protective equipment connected to the Chicago Waterworks System shall be constructed in such manner that

EXHIBIT
A

all tanks, pipes, pumps, surge tanks, and fire hydrants can be thoroughly drained, flushed and cleaned by the owners of such equipment and premises and there shall be no direct connections from the tanks, pipes and other equipment to any drainage pipes or sewers. *No groundwater well, cistern or other groundwater collection device installed after the effective date of this amendatory ordinance may be used to supply any potable water supply system, except at points of withdrawal by the City of Chicago or by units of local government pursuant to intergovernmental agreement with the City of Chicago.*

SECTION 2. Section 2-30-030 of the Municipal Code of Chicago is hereby amended by deleting the language in brackets and inserting the language in italics, as follows:

2-30-030 Commissioner -- Powers And Duties Designated.

The commissioner of the environment shall have the following powers and duties:

* * * * *

(21) To enter into grant agreements, cooperation agreements and other agreements or contracts with governmental entities, private business and civic and community groups necessary to implement the Green Streets Program and other urban forestry, beautification and environmental enhancement programs; *and agreements to implement the State of Illinois Site Remediation Program;*

SECTION 3. This ordinance shall be in full force and effect from and after its passage and approval.

STATE OF ILLINOIS,
County of Cook. ss.

I, JAMES J. LASKI, City Clerk of the City of Chicago in the County of Cook and State of Illinois, DO HEREBY CERTIFY that the annexed and foregoing is a true and correct copy of that certain ordinance now on file in my office an ordinance amending Title 11, Chapter 8 and Title 2, Chapter 30 of the Municipal Code of Chicago by establishment of definition of potable water, regulation of potable water supply system and empowerment of commissioner of environment for implementation of State of Illinois Site Remediation Program.

I DO FURTHER CERTIFY that the said ordinance was passed by the City Council of the said City of Chicago on the fourteenth (14th) day of May, A. D. 1997 and deposited in my office on the fourteenth (14th) day of May, A. D. 1997.

I DO FURTHER CERTIFY that the vote on the question of the passage of the said ordinance by the said City Council was taken by yeas and nays and recorded in the Journal of the Proceedings of the said City Council, and that the result of said vote so taken was as follows, to wit:

Yeas 47. Nays None.

I DO FURTHER CERTIFY that the said ordinance was delivered to the Mayor of the said City of Chicago after the passage thereof by the said City Council, without delay, by the City Clerk of the said City of Chicago, and that the said Mayor failed to return the said ordinance to the said City Council with his written objections thereto at the next regular meeting of the said City Council occurring not less than five days after the passage of the said ordinance.

I DO FURTHER CERTIFY that the original, of which the foregoing is a true copy, is entrusted to my care for safe keeping, and that I am the lawful keeper of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the City of Chicago aforesaid, at the said City, in the County and State aforesaid, this twenty-seventh (27th) day of June, A. D. 1997.

[L. S.]

James J. Laski

JAMES J. LASKI, City Clerk.

MEMORANDUM OF UNDERSTANDING

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
and
CITY OF CHICAGO - DEPARTMENT OF THE ENVIRONMENT

Background

The Illinois Environmental Protection Agency ("Illinois EPA") and The City of Chicago - Department of the Environment ("DOE") recognize that the protection and safety of school children is of utmost importance. Both parties acknowledge that they have a positive working relationship within the various corrective action programs and recognize each other as a key partner in addressing the uncertainty to constructing schools on potentially contaminated property. Both parties play a critical role in Chicago for ensuring the proper cleanup, redevelopment and continued use of these properties. To the extent possible, both parties seek to facilitate the productive use and reuse of these properties, and recognize that a key factor to meeting this goal is to exercise their authorities and use their resources and qualified staff in ways that are mutually complementary.

Illinois EPA and DOE agree that this MOU shall serve as written public statement that both parties will strive to coordinate and cooperate to ensure the prompt cleanup and development of new schools on property that represents no significant risk to school children. Each party shall strive to coordinate its activities towards the successful completion of corrective action at properties being developed for this purpose.

To protect human health and the environment at sites that may or will be used for schools within the City of Chicago, Illinois EPA and DOE agree to jointly strive to meet the following goals:

To facilitate and ensure the prompt, appropriate remediation of potential school property by promoting investigations and cleanups that meet established legal standards and requirements.

To develop partnerships for the cleanup and redevelopment of properties among Illinois EPA, DOE, the Public Building Commission, Chicago Pubic Schools, and the Chicago Board of Education.

To provide to public, private and citizen/community groups, information and technical assistance about the cleanup and redevelopment of school properties.

The Illinois EPA and DOE acknowledge that these goals can best be met if the parties capitalize on opportunities to share resources with each other and/ or rely upon the resources of the other party where appropriate.

Agreement

With respect to sites enrolled in the Illinois Site Remediation Program that have their existing or anticipated use as a public school within the City of Chicago, the Illinois EPA and DOE agree to make best efforts to undertake the following activities:

(1) Upon request by the Illinois EPA, DOE will provide appropriate field oversight during the investigation, remediation and development of properties that are or will be used for public schools to ensure that all activities are conducted in accordance with plans approved by Illinois EPA pursuant to 35 Ill. Adm. Code Parts 740 and 742. DOE agrees that it will respond on short notice from Illinois EPA if unanticipated site conditions arise that require immediate attention. DOE will, as appropriate, provide proper written documentation to Illinois EPA consisting of observations, activities, photos, etc. of its field activities and insure staff are properly trained. In advance of DOE undertaking the activities described in this paragraph, the Illinois EPA will identify and will assist DOE with any necessary supplemental training.

(2) DOE will review and provide comments on the adequacy, appropriateness and conclusions provided as part of reviewing the site investigation report, remediation objectives report, the remediation action plan and the remediation completion report.

(3) Upon the request of a Remediation Applicant or its agent, namely the Public Building Commission, DOE may, at its discretion, serve as a Review and Evaluation Licensed Professional Engineer (RELPE) in accordance with the requirements of the Illinois Site Remediation Program, 35 Ill. Adm. Code 740. Illinois EPA recognizes and agrees that certain DOE employees are qualified to serve as a RELPE, and DOE agrees to ensure that only qualified DOE employees may serve in such capacity. When providing review and evaluation services, DOE agrees that it shall conduct all such services in accordance with the requirements of the Illinois Site Remediation Program and the Illinois Tiered Approach to Corrective Action Program. Illinois EPA agrees to provide DOE with procedural guidance and checklists for use by DOE, and DOE agrees to use these materials in the provision of its services. In accordance with the requirements of the Illinois Site Remediation Program, DOE agrees that it will submit any plans or reports directly to Illinois EPA, that it will take direction for work assignments from Illinois EPA, and it will perform the assigned work on behalf of the Illinois EPA.

DOE acknowledges that only the Illinois EPA has final authority to approve, disapprove or approve with conditions, any plans or reports that it reviews and evaluates. However, Illinois EPA acknowledges the critical importance to DOE of ensuring appropriate cleanup and development of sites that are or will be used as public schools in a timely manner. Accordingly, Illinois EPA agrees

Appendix E

DRM-2 Form

Illinois Environmental Protection Agency
Bureau of Land
Remedial Project Management Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

FOR ILLINOIS EPA USE:
LOG NO. _____

Site Remediation Program Form (DRM-2)
(To Be Submitted with all Plans and Reports)

I. Site Identification:

Site Name: Pritzker Park
Street Address : 12-22 West Van Buren Street P.O. Box: NA
City: Chicago State: IL Zip: 60604 Phone: NA
Illinois Inventory I. D. Number: 0316325436 IEMA Incident Number: NA

II. Remediation Applicant:

Applicant's Name: Kimberly Worthington Company: City of Chicago Department of Environment
Street Address: 30 North LaSalle, Suite 2500 P.O. Box: NA
City: Chicago State: IL ZIP Code: 60602 Phone: 312/744-3639

I hereby request that the Illinois EPA review and evaluate the attached project documents in accordance with the terms and conditions of the Environmental Protection Act (415 ILCS 5), implementing regulations, and the review and evaluation services agreement.

Remediation Applicant's Signature: Kimberly Worthington Date: 7/10/09

III. Contact Person:

Contact's Name: Harvey Pokorny
Company: Versar Inc.
Street Address: 100 West 22nd Street, Suite 151
P.O. Box: NA
City: Lombard State: IL ZIP Code: 60148
Phone: 630/268-8555, extension 229

Contact's Name: _____
Company: _____
Street Address: _____
P.O. Box: _____
City: _____ State: ___ ZIP Code: _____
Phone: _____

IV. Review & Evaluation Licensed Professional Engineer or Geologist ("RELPEG"), if applicable:

RELPEG's Name: _____ Company: _____
Street Address: _____ P.O. Box: _____
City: _____ State: ____ ZIP Code: _____ Phone: _____
Registration Number: _____ License Expiration Date: _____

All information submitted is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines. The Illinois EPA is authorized to require this information under Sections 415 ILCS 5/58 - 58.12 of the Environmental Protection Act and regulations promulgated thereunder. Disclosure of this information is required as a condition of participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your plan(s) or report(s) being rejected. This form has been approved by the Forms Management Center.

V. Project Documents Being Submitted:

Document Title: Remedial Action Completion Report Date of Preparation of Plan or Report: 06/09

Prepared by: Versar Inc. Prepared for: City of Chicago Department of Environment

Type of Document Submitted:

- [ ] Site Investigation Report - Comprehensive
- [ ] Site Investigation Report - Focused
- [ ] Remediation Objectives Report-Tier 1or 2
- [ ] Remediation Objectives Report-Tier 3
- [ ] Remedial Action Plan
- [x] Remedial Action Completion Report
- [ ] Sampling Plan
- [ ] Health and Safety Plan
- [ ] Community Relations Plan
- [ ] Risk Assessment
- [ ] Contaminant Fate & Transport Modeling
- [ ] Other: _____

Document Title: _____ Date of Preparation of Plan or Report: _____

Prepared by: _____ Prepared for: _____

Type of Document Submitted:

- [ ] Site Investigation Report - Comprehensive
- [ ] Site Investigation Report - Focused
- [ ] Remediation Objectives Report-Tier 1or 2
- [ ] Remediation Objectives Report-Tier 3
- [ ] Remedial Action Plan
- [ ] Remedial Action Completion Report
- [ ] Sampling Plan
- [ ] Health and Safety Plan
- [ ] Community Relations Plan
- [ ] Risk Assessment
- [ ] Contaminant Fate & Transport Modeling
- [ ] Other: _____

VI. Professional Engineer's or Geologist's Seal or Stamp:

I attest that all site investigations or remedial activities that are the subject of this plan(s) or report(s) were performed under my direction, and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the plan and report has been designed or completed in accordance with the Illinois Environmental Protection Act (415 ILCS 5), 35 Ill. Adm. Code 740, and generally accepted engineering practices or principles of professional geology, and the information presented is accurate and complete.

Engineer or Geologist Name: Stephen M. Schwartz Professional Engineer's or Geologist's Seal or Stamp:

Company: Versar Inc. Phone: 630/268-8555

Registration Number: 062-034186

Signature: Stephen M. Schwartz License Expiration Date: 11/30/09

Note: The authority of a Licensed Professional Geologist to certify documents submitted to the Illinois Environmental Protection Agency for review and evaluation pursuant to Title XVII of the Environmental Protection Act is limited to Site Investigation Reports (415 ILCS 58.7(f), as amended by P.A. 92-0735, effective July 25, 2002). A Licensed Professional Geologist cannot certify Remediation Objectives Reports, Remedial Action Plans or Remedial Action Completion Reports.