05-26871

KOWALENKO & BILOTTI, INC.

MANAGEMENT ENGINEERING ENVIRONMENT

0316325436
Pritzkes Park
SRP/tech

October 7, 2005

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

ORIGINAL

Re: Comprehensive Site Investigation Report
Chicago / Pritzker Park
12-22 W. Van Buren & 310-356 S. State

Dear Sir or Madam:

Please find enclosed two copies of the *Comprehensive Site Investigation Report* dated October 7, 2005. Also enclosed is a check for $500.00 and an original plus two copies of the required DRM-1 and DRM-2 forms.

Please contact me at 312-853-0500 if you have any questions or comments regarding this information. Thank you.

Sincerely,
KOWALENKO & BILOTTI, INC.

Thomas A. Brecheisen

Thomas A. Brecheisen, P.E.
Project Manager

[illegible]
OCT 1 8 2005
[illegible]

Enclosures

cc: Mr. David S. Graham, Chicago Department of Environment

RECEIVED
OCT 1 1 2005
IEPA/BOL

118 North Peoria Street, Suite 5 North
Chicago, Illinois 60607 U.S.A.
tel: 312-853-0500
fax: 312-853-0311

www.kbconsulting.net

1866 Sheridan Road, Suite 308
Highland Park, Illinois 60035 U.S.A.
tel: 847-433-4773
fax: 847-579-4863

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. _____

- ☐ $500 Advance Partial Payment Included
- ☐ DRM-2 SRP Form Included
- ☐ DRM-3 Request for Assessment Included
- ☐ DRM-4 Tax Credit Budget Plan Included

Site Remediation Program Application and Services Agreement (DRM- 1) Form

I. Site Identification:

Site Name: **Pritzker Park**
Street Address: **12-22 West Van Buren Street & 310-356 South State Street**
City: **Chicago** ZIP Code: **60604**
County: **Cook** Approximate Size of Site (Acres): **0.9**
Illinois Inventory I. D. Number: **na** U.S. EPA I.D. Number : **na**
Site Base Map Attached ☐ Illinois EPA Permit(s): _____
LUST/IEMA Incident Number(s), if applicable: **na**

ORIGINAL

RECEIVED
OCT 11 2005
IEPA/BOL

II. Remediation Applicant ("RA"):

RA's Name: **Kimberly Worthington, as agent for** Title: **Deputy Commissioner**
Company: **City of Chicago**
Street Address: **30 N. LaSalle; Suite 2500**
City: **Chicago** State: **IL** ZIP Code: **60602**
Phone: **312-744-3639** FEIN or SSN: **36-600-582-0**

I hereby certify that I am authorized to sign this application and services agreement. I certify that the proposed project meets the eligibility criteria set forth in Section 58.1(a)(2) of the Environmental Protection Act (415 ILCS 5/58.1(a)(2)) and regulations promulgated thereunder and that this submittal and all attachments were prepared at my direction. In consideration for the Illinois EPA's agreement to provide (subject to applicable law, available resources, and receipt of the advance partial payment) review and evaluation services for activities carried out pursuant to Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58-58.12), I agree to:

(1) Conform with the procedures of Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58 - 58.12) and implementing regulations;
(2) Allow for or otherwise arrange site visits or other site evaluations by the Illinois EPA when requested;
(3) Pay any reasonable costs incurred and documented by the Illinois EPA in providing such services*; and
(4) Make an advance partial payment to the Illinois EPA for such anticipated services provided in Section V of this application.

As the Remediation Applicant, I understand that I may terminate this services agreement at any time, by notifying the Illinois EPA in writing that services previously requested under the services agreement are no longer wanted. Within 180 days after receipt of the notice, the Illinois EPA shall provide me with a final invoice for services provided until the date of receipt of such notification.

To the best of my knowledge and belief, this request and all attachments are true, accurate and complete. I hereby certify that I have the authority to enter into this agreement.

RA's Signature: Kimberly Worthington Date: 10/7/05

***In addition to the fees applicable under this Services Agreement, the recipient of a No Further Remediation Letter must pay to the Illinois EPA a No Further Remediation Assessment in the amount of the lesser of $2500 or an amount equal to the costs incurred by the Illinois EPA under this Agreement (35 IAC 740.615).**

OCT 19 2005

III. Project Objectives:

A.	Release Letter Requested. Please complete one of the subsections by checking applicable boxes and including other information (if necessary, additional information may be attached to this application form):	☑ Comprehensive No Further Remediation ("NFR") Letter
		☐ *Focused NFR Letter* Identify the focused contaminants of concern by checking the applicable box(es): ☐ Volatiles ☐ BTEX ☐ PCBs ☐ Metals ☐ Semivolatiles ☐ PNAs ☐ Pesticides Other (identify): _____
		☐ 4(y) Letter Identify the focused contaminants of concern by checking the applicable box(es): ☐ Volatiles ☐ BTEX ☐ PCBs ☐ Metals ☐ Semivolatiles ☐ PNAs ☐ Pesticides Other (identify): _____ Identify the media of concern by checking applicable boxes: ☐ Soil ☐ Sediments Other: _____ Identify the actions (e.g., drum removal, spill response, etc.):
B.	Identify any support services being sought from the Illinois EPA in addition to the review and evaluation services (if necessary, additional information may be attached to this application form):	☐ No additional support services are being sought ☐ Assistance with community relations ☐ Environmental Remediation Tax Credit Budget Review (Attach DRM-4 application) ☐ Sample collection and analyses ☐ Other (identify): _____

C. Anticipated Schedule

SRP Document	Projected Date of Receipt by Illinois EPA
Site Investigation Report	**October 2005**
Remediation Objectives Report	**November 2005**
Remedial Action Plan	**November 2005**
Remedial Action Completion report	

D.	Identify the current and post-remediation uses of the remediation site (if necessary, additional information may be attached to this application form):	Current Use: **Public Park** Post-Remediation Use: **Public Park**

IV. Written Permission from the Property Owner (check one of the applicable boxes and provide additional information):

☑ RA is the property owner of the remediation site identified in Section I of this application.

☐ RA is **not** the property owner of the remediation site identified in Section I of this application.

Property Owner's Name: _____

Title: _____

Company: _____

Street Address: _____

City: _____ State: _____ ZIP Code: _____ Phone: _____

I hereby certify that the Remediation Applicant has my permission to enroll the site identified in Section I of this application into the Illinois EPA Site Remediation Program. I certify that the Remediation Applicant and designated representatives have permission to enter upon the indicated premises for the purpose of conducting remedial investigations or activities.

Owner's Signature: _____ Date: _____

For multiple property owners, attach additional sheets containing all the information above along with a signed, dated certification for each.

V. Advance Partial Payment:

The Remediation Applicant shall select one of the following advance partial payment plans:

☑ Plan 1: A $500 advance partial payment is included with this application. Please make the check payable to: "Illinois Environmental Protection Agency". Please include "For Deposit in the Hazardous Waste Fund" and the Remediation Applicant's FEIN or SSN on the check; or

☐ Plan 2: Request that the Illinois EPA determine the appropriate partial payment (i.e., approximately one-half of the total anticipated costs of the Illinois EPA, not to exceed $5,000). A completed DRM-3 form ("Request for Assessment of Advance Partial Payment for Anticipated Services") must accompany this application so that the Illinois EPA may determine the appropriate advance partial payment specific to the services requested.

NOTE: Illinois EPA cannot refund payments without a legislative appropriation. Payment under Plan 1 accelerates the review process but increases the risk of forfeiting the payment if the applicant is ineligible. Payment under Plan 2 may result in a larger advance partial payment when a final determination is made on the application, but it reduces the risk of forfeiture.

Λ If this application contains plans and reports for review and evaluation by the Illinois EPA, a completed Form DRM-2 must also accompany this submittal.

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 & 310-356 South State Street

City: Chicago Illinois Inventory I. D. Number: na

IEMA Incident Number: na

II. Remediation Applicant:

Applicant's Name: Kimberly Worthington, as agent for Company: City of Chicago

Street Address: 30 N. LaSalle; Suite 2500

City: Chicago State: IL ZIP Code: 60602 Phone: 312-744-9139

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: 10/7/05

III. Contact Person:

Contact's Name: Thomas A. Brecheisen Company: Kowalenko & Bilotti, Inc.

Street Address: 118 N. Peoria; Suite 5-N

City: Chicago State: IL ZIP Code: 60607 Phone: 312-853-0500 ext. 26

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

RELPEG's Name: _____ Company: _____

Street Address: _____

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: Comprehensive Site Investigation Report Date of Preparation of Plan or Report: September 2005

Prepared by: Kowalenko & Bilotti, Inc. Prepared for: City of Chicago

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
- Environmental Remediation Tax Credit - Budget Plan Review
- 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
- Environmental Remediation Tax Credit - Budget Plan Review
- 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: Thomas A. Brecheisen

Company: K&B, Inc. Phone: 312-853-0500

Registration Number: 062-055672

Signature: Thomas A. Brecheisen License Expiration Date: 11/30/2005

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

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.

3326

KOWALENKO & BILOTTI, INC.
118 N. PEORIA ST., STE 5 NORTH
CHICAGO, IL 60607

FIFTH THIRD BANK
CHICAGO, ILLINOIS
70-2390-719

9/22/2005

PAY TO THE ORDER OF Illinois Environmental Protection Agency

$ **500.00

Five Hundred and 00/100********** DOLLARS

Illinois Environmental Protection Agency
Bureau of Land
1021 N. Grand Ave., East
Springfield, IL 62702

MEMO For deposit in hazadous waste fund

⑈003326⑈ ⑆071923909⑆ 7515265176⑈

Details on back. Security Features Included.

081064 / 12-04

KOWALENKO & BILOTTI, INC.

MANAGEMENT ENGINEERING ENVIRONMENT

COMPREHENSIVE SITE INVESTIGATION REPORT

Pritzker Park
310-356 S. State Street & 12-22 W. Van Buren
Chicago, Illinois

Prepared For:

David S. Graham
City of Chicago Department of Environment
30 N. LaSalle, Suite 2500
Chicago, Illinois 60602

ORIGINAL

Prepared By:

Kowalenko & Bilotti, Inc.
118 N. Peoria, Suite 5N
Chicago, Illinois 60607
(312) 853-0500

Date Submitted:
October 7, 2005

Project No. 05-ENV-001

COMPREHENSIVE SITE INVESTIGATION REPORT

Pritzker Park
310-356 S. State Street & 12-22 W. Van Buren
Chicago, Illinois

ORIGINAL

Prepared by:

Thomas A. Brecheisen

Thomas A. Brecheisen, P.E.
Engineering Project Manager

Prepared for:

David S. Graham
City of Chicago Department of Environment
30 N. LaSalle, Suite 2500
Chicago, Illinois 60602

October 7, 2005

EXECUTIVE SUMMARY

Kowalenko & Bilotti, Inc. (K&B) was retained by the Chicago Department of Environment (CDOE) to perform a Comprehensive Site Investigation at a site located at 12-22 W. Van Buren Street and 310-356 S. State Street (the Site). The Site is a continuous parcel of land known as "Pritzker Park." The Site has been shown on Figure 1.

In February 2005, K&B completed a Phase I Environmental Site Assessment (Phase I ESA) for the Site. The potential for impacted soil or fill materials at the Site was identified as a recognized environmental condition (REC) due to unknown nature of historical demolition activities. In order to address the REC, the CDOE retained K&B to perform a Comprehensive Site Investigation at the Site. This report was intended to serve as the *Comprehensive Site Investigation Report* (CSIR) and meet the requirements of Section 740.425. The CSIR has been submitted toward the goal of procuring a Comprehensive NFR Letter for the Site.

On March 3, 2005, K&B mobilized to the Site and oversaw the advancement of ten (10) soil borings (B-1 through B-10). Two soil samples were collected from each soil boring for laboratory analysis. One shallow sample (surficial) and one deeper sample (subsurface) were submitted for analytical testing. Shallow soil samples were collected from 0-3 feet below grade. Deeper subsurface soil samples were selected based on field observations, PID measurements and the judgment of the field geologist.

Two constituent lists were used. The first list was the Target Compound List (TCL) provided in 35 IAC 740, Appendix A (VOCs, SVOCs, PCBs/Pesticides and TAL Metals / pH). Two (2) soil samples were submitted for laboratory analysis of the full TCL. Based on field observations, the most severely impacted shallow soil sample and the most severely impacted deep sample were submitted for the full TCL. The eighteen (18) remaining soil samples were analyzed for a reduced list of compounds. The reduced list consisted of BETX, PNAs, and RCRA Metals / pH.

On March 5, 2005, five (5) soil borings were completed as temporary PVC monitoring wells (TMW-1 through TMW-5). The temporary wells were placed into open boreholes and developed using a peristaltic pump with dedicated PVC tubing. Groundwater samples were only collected from TMW-3, TMW-4 and TMW-5. TMW-1 and TMW-2 did not yield sufficient groundwater for sampling. K&B used a peristaltic pump, dedicated latex gloves and dedicated PVC tubing to transfer groundwater directly from the temporary wells into the laboratory-provided sample containers. Based on the judgment of the field geologist, one groundwater sample was analyzed for the TCL. Remaining groundwater samples were intended for analyses of the reduced list of BETX, PNAs and RCRA Metals / pH.

In order to complete the Comprehensive Site Investigation, five (5) monitoring wells (MW-1 through MW-5) were installed at the Site on July 6, 2005. The wells were installed to allow the collection of discrete groundwater samples for laboratory analyses of the COCs identified during the initial assessment (PNAs and certain metals). The wells were installed with a ten-foot length of 0.010-inch slotted screen, which was placed from 10-20 feet below grade in order to bisect the water table. Top-of-well-casing elevations were surveyed relative to an arbitrary datum of 100.00 feet that was assigned to a semi-permanent monument at the Site. After sufficient time had allowed groundwater to accumulate within the monitoring wells, an electronic water level meter was used to measure the depth to groundwater in each monitoring well. The monitoring wells were adequately developed prior to the collection of discrete groundwater samples. After sufficient time had allowed the groundwater to accumulate within the monitoring wells, groundwater samples were collected and submitted for laboratory analyses of PNAs and certain metals (Mercury, Chromium, Iron, Lead & Manganese).

Based on the future redevelopment of the Site as a public park, the soil analytical results were compared to the residential Tier 1 Soil Remediation Objectives (Tier 1 SROs) found in 35 IAC 742. These Tier 1 SROs represent acceptable baseline contaminant concentrations and the Tier 1 SROs for residential property are appropriate given the Site's intended future use as a public park. Soil analytical results were also compared to the construction worker Tier 1 SROs, in consideration of site redevelopment activities. Soil sample analytical results have been summarized in Tables 1 through 5. The analytical results of the soil samples analyzed indicated that certain PNAs and RCRA metals were detected in soils at the Site at levels exceeding the most stringent Tier 1 SROs.

Groundwater analytical results were compared to the Tier 1 Groundwater Remediation Objectives (Tier 1 GROs) found in 35 IAC 742. The Tier 1 GROs represent acceptable baseline contaminant concentrations and were appropriate for the Comprehensive Site Investigation. Groundwater analytical results were summarized in Tables 6 through 10. A comparison of the groundwater analytical results to the Tier 1 GROs indicated that the groundwater beneath the Site was impacted by certain PNAs and metals at levels exceeding the Tier 1 GROs for Class I and/or Class II groundwater.

Groundwater flow direction was calculated to be northeasterly toward Lake Michigan (Figure 6). The average calculated hydraulic gradient (i) between MW-5 and MW-2 was 0.0036 ft/ft. The result of the hydraulic conductivity analysis performed on B-10 (12'-16') was 7.35 (10^{-7}) cm/s. Surficial and subsurface organic carbon values were analytically determined to be 1.49% and 3.56%, respectively (B-3 [0-3] & [9-12]).

Based on the results of the Comprehensive Site Investigation, concentrations of the following analytes were detected beneath the Site at levels exceeding the applicable Tier 1 SROs and Tier 1 GROs.

1. Benzo(a)Anthracene
2. Benzo(a)Pyrene
3. Benzo(b)Fluoranthene
4. Dibenz(a,h)Anthracene
5. Indeno(1,2,3)Pyrene
6. Arsenic
7. Chromium (total)
8. Iron
9. Lead
10. Manganese
11. Mercury

As a result, the analytes listed above have been considered COCs for the Site.

Because the Comprehensive Site Investigation revealed evidence of contaminants-of-concern, K&B recommended that remediation objectives be developed in accordance with 35 IAC 742. Remediation objectives will be developed for the eleven (11) COCs listed herein. Results of the remediation objectives determination will be documented in a *Remedial Objectives Report / Remedial Action Plan* (ROR/RAP) that will be submitted to the Illinois EPA. The ROR/RAP will meet the requirements of Sections 740.445 and 740.450.

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FIGURES

TABLES

APPENDICES

1.0 INTRODUCTION

Kowalenko & Bilotti, Inc. (K&B) was retained by the Chicago Department of Environment (CDOE) to perform a Comprehensive Site Investigation at a site located at 12-22 West Van Buren Street and 310-356 South State Street (the Site). The Site is a continuous parcel of land known as "Pritzker Park." The Site has been shown on Figure 1.

1.1 Site History

In February 2005, K&B completed a Phase I Environmental Site Assessment (Phase I ESA) for the Site. The research performed during the performance of the Phase I ESA revealed that the Site was used for commercial purposes since at least 1916. Based on a review of Sanborn Fire Insurance maps, various buildings occupied the Site ranging from one to six stories in height. Descriptions of the buildings were general and included the Rialto Theater, "stores" and "hotels." The last map that indicated the presence of buildings on the Site was dated 1988. The next map, dated 1994, illustrated the Site as a "park."

1.2 Recognized Environmental Conditions

The potential for impacted soil or fill materials at the Site was identified as a recognized environmental condition (REC) due to unknown nature of historical demolition activities. Due to the Site's location in downtown Chicago, it was recognized that fill materials could be impacted with "background" PNAs. Historical building demolition activities were identified as an REC because of the potential for demolition debris to have included petroleum products and / or hazardous substances. A Phase II ESA was necessary to determine whether historical operations resulted in a release of hazardous substances or petroleum products at the Site.

1.3 Objective

In order to address the REC, the CDOE retained K&B to perform a Comprehensive Site Investigation at the Site. This report was intended to serve as the *Comprehensive Site Investigation Report* (CSIR) and meet the requirements of Section 740.425. The CSIR has been submitted toward the goal of procuring a Comprehensive NFR Letter for the Site. Copies of the appropriate Illinois EPA-prescribed forms have been included in Appendix A.

2.0 SITE DESCRIPTION

The Site consisted of continuous parcel that encompassed approximately 0.9 acres. The Site was located at 310-356 S. State Street and 12-22 W. Van Buren Street in downtown Chicago, Illinois. An excerpt from a Plat of Survey has been included as Figure 2. The legal description and parcel index numbers (PINs) for the Site have been included in Appendix B.

The Site was a public park and was covered with grass. Trees lined the southern property boundary. According to the Phase I, the Site was zoned 'DX 16' for downtown mixed use. Adjacent properties were observed as follows.

North: North of the Site was the John Marshall Law School.

East: East of the Site was South State Street.

West: West of the Site was a public alley and/or Plymouth Court, beyond which was a parking garage.

South: South of the Site was West Van Buren Street above which was a Chicago Transit Authority (CTA) elevated rail line (El). South of West Van Buren Street was the George Washington Library.

3.0 SITE-SPECIFIC SAMPLING PLAN

A site-specific sampling plan was developed to characterize soil and groundwater beneath the Site in accordance with Section 740.420. Given the objective of obtaining a Comprehensive NFR Letter, the compounds listed in 35 IAC 740, Appendix A, were considered potential contaminants-of-concern (COCs) for the Site. The site investigation was completed in two stages. The initial assessment involved soil and groundwater sampling to identify potential COCs at the Site. The second stage involved the delineation of any identified COCs.

3.1 Initial Assessment Sampling Plan

3.1.1 Soil Sampling Plan

On March 10, 2005, ten soil borings were advanced at the Site in areas intended to provide complete coverage. Two soil samples were collected from each soil boring for laboratory analysis. One shallow sample (surficial) and one deeper sample (subsurface) were submitted for analytical testing. Shallow soil samples were collected from 0-3 feet below grade. Deeper subsurface soil samples were selected based on field observations, PID measurements and the judgment of the field geologist.

Two constituent lists were used. The first list was the Target Compound List (TCL) provided in 35 IAC 740, Appendix A (VOCs, SVOCs, PCBs/Pesticides and TAL Metals / pH). Two (2) soil samples were submitted for laboratory analysis of the full TCL. Based on field observations, the most severely impacted shallow soil sample and the most severely impacted deep sample were submitted for the full TCL. The eighteen (18) remaining soil samples were analyzed for a reduced list of compounds.

The reduced list consisted of BETX, PNAs, and RCRA Metals / pH. One shallow and one deep sample were analyzed for organic carbon content (f_{oc}). Based on analytical results, the soil samples analyzed for f_{oc} were chosen from an unimpacted area of the Site. One deep soil sample (B-10 [12'-16']) was analyzed for hydraulic conductivity (K) according to ASTM Standard D-5084.

3.2.2 Groundwater Sampling Plan

On March 3, 2005, five (5) soil borings were completed as temporary PVC monitoring wells TMW-1 through TMW-5. The temporary monitoring wells were installed to allow the collection of discrete groundwater samples. Discrete groundwater samples were collected from the temporary PVC wells using a peristaltic pump and dedicated PVC tubing. Based on the judgment of the field geologist, one groundwater sample was analyzed for the TCL. Remaining groundwater samples were intended for analyses of the reduced list of BETX, PNAs and RCRA Metals / pH.

3.2 Delineation Assessment Sampling Plan

In order to complete the Comprehensive Site Investigation, five (5) monitoring wells (MW-1 through MW-5) were installed at the Site on July 6, 2005. The wells were installed to allow the collection of discrete groundwater samples for laboratory analyses of the COCs identified during the initial assessment (PNAs and certain metals). The wells were installed with a ten-foot length of 0.010-inch slotted screen, which was placed from 10-20 feet below grade in order to bisect the water table.

Top-of-well-casing elevations were surveyed relative to an arbitrary datum of 100.00 feet that was assigned to a semi-permanent monument at the Site. After sufficient time had allowed groundwater to accumulate within the monitoring wells, an electronic water level meter was used to measure the depth to groundwater in each

monitoring well. The monitoring wells were adequately developed prior to the collection of discrete groundwater samples. After sufficient time had allowed the groundwater to accumulate within the monitoring wells, groundwater samples were collected and submitted for laboratory analyses of PNAs and certain metals (Mercury, Chromium, Iron, Lead & Manganese).

4.0 SOIL INVESTIGATION

4.1 Initial Soil Sampling Procedure

On March 3, 2005, K&B mobilized to the Site and oversaw the advancement of ten (10) soil borings (B-1 through B-10). The soil borings were advanced by Terra Trace Environmental Services, Inc. (Terra Trace) from Lake Bluff, Illinois. Soil boring locations have been shown on Figure 3. Subsurface penetration was achieved using a track-mounted Geoprobe™ and samples were collected using standard Macrocore™ techniques. Photographs of soil sampling activities were included in Appendix C.

The soil samples obtained from each interval were logged according to their predominant geological characteristics, and were then divided into two portions. The first portion was placed directly into laboratory-preserved sampling containers, designated for possible analysis, and placed in a cooler on ice to maintain a temperature of 4°C. The second portion was sealed in a pre-labeled plastic bag and set aside to be field screened.

After a sufficient amount of time had elapsed to allow the soil vapors to equilibrate with the air in the sample bags, the sealed soil vapors were field screened using a MiniRae photo-ionization detector (PID). This device is sensitive to vapor phase VOCs and SVOCs, and it provides a preliminary indication of the soil quality by measuring the amount of hydrocarbon vapors trapped in the headspace of the bags.

According to the sampling plan and field observations, K&B selected two (2) soil samples from each soil boring for analytical testing of the TCL (VOCs, SVOCs, PCBs/Pesticides, TAL Metals / pH). The soil samples from SB-2 (0-3; 6-9) were chosen for the TCL because they yielded the highest PID readings. The remaining 18 soil samples were analyzed for the reduced list (BETX, PNAs and RCRA Metals / pH). Two soil samples from soil boring B-3 ([0-3] & [9-12]) were analyzed for fraction of organic carbon (f_{oc}). An undisturbed soil sample was submitted from B-10 (12'-16') for hydraulic conductivity testing pursuant to ASTM Standard D-5084. The soil samples chosen for laboratory analyses were labeled correctly and stored in a cooler on ice until they were delivered to STAT Analysis Corp. (STAT) under standard chain-of-custody procedures. STAT is an Illinois accredited laboratory that meets the requirements of Section 740.425(b)(7)(B).

4.2 Field Observations

Soils beneath the Site were generally observed to exhibit three distinct horizons. From near surface grade to approximately three feet below grade, a layer of loose brown clayey silt was observed. Then, fill material (bricks, concrete, gravel, stone, etc.) with relatively low percentages of gray silty clay was observed from approximately 3 feet to 10-11 feet below grade. From 10-11 feet below grade to at least 20 feet below grade was a gray clayey silt unit, which contained various percentages of silty clay. Groundwater was consistently observed in this unit at approximately 11-12 feet below grade. Field observations of the soil conditions were summarized on the soil boring logs that have been included in Appendix D.

4.3 Regional Geology

According to the Illinois State Geological Survey (ISGS) map dated 1970 and titled *Surficial Geology of the Chicago Region*, (Circular 460), and the ISGS map dated 1984 and titled *Stack-Unit Mapping of Geological Materials in Illinois to a Depth of*

15 Meters, (Circular 542), the Site is situated on the Carmi Member of the Equality Formation, which is described as largely quiet-water lake sediments; dominantly well bedded silt, locally laminated and containing thin beds of clay; local lenses of sand and sandy gravel along beaches. This unconsolidated layer is then underlain by the Wedron Formation to a depth of at least 15 meters (49.3 ft). The Wedron Formation is described as silty and clayey tills with interspersed beds of alluvial sand and gravel deposits.

K&B reviewed Plate 1 of the ISGS Circular 532 dated 1984 and titled *Potential for Contamination of Shallow Aquifers in Illinois.* Plate 1 indicates the Site is located on an area designated as "E". An "E" designation is described as "uniform, relatively impermeable silty or clayey till at least 50 ft thick; no evidence of interbedded sand and gravel. The potential for contamination is low because of low hydraulic conductivity, 1x 10^{-9} to 1 x 10^{-7} cm/s, and good attenuation capacities."

5.0 GROUNDWATER INVESTIGATION

5.1 Initial Groundwater Sampling Procedure

On March 3, 2005, soil borings B-2, B-4, B-5, B-6 and B-8 were completed as temporary PVC monitoring wells TMW-1 through TMW-5 (Figure 3). The temporary wells were constructed of 1-inch diameter Schedule 40 PVC materials including schedule 40 PVC screen with 0.010-inch slotted openings. The screened interval was designated for 10-20 feet below grade in order to intersect the water table, which was consistently encountered at approximately 11-12 feet below grade (Appendix D). The temporary wells were placed into open boreholes and developed using a peristaltic pump with dedicated PVC tubing.

Groundwater samples were only collected from TMW-3, TMW-4 and TMW-5. TMW-1 and TMW-2 did not yield sufficient groundwater for sampling. K&B used a

peristaltic pump, dedicated latex gloves and dedicated PVC tubing to transfer groundwater directly from the temporary wells into the laboratory-provided sample containers. Based on visual field observations, the groundwater sample from TMW-4 was analyzed for the TCL. The groundwater sample from TMW-4 was selected for the TCL because it contained the least amount of suspended solids. The groundwater sample from TMW-3 was analyzed for the reduced list of BETX, PNAs and RCRA Metals. The groundwater sample from TMW-5 was only analyzed for BETX because the well only produced enough water to fill the BETX sample containers (2 @ 40mL). The groundwater samples were labeled correctly and placed in a cooler on ice until they were delivered to STAT under standard chain-of-custody procedures.

5.2 Delineation Groundwater Sampling Procedure

Based on the initial groundwater sampling event, the groundwater investigation was considered incomplete. Therefore, K&B remobilized to the Site to install five (5) new monitoring wells so the groundwater investigation could be completed.

5.2.1 Monitoring Well Installation

On July 6, 2005, K&B oversaw the installation of five (5) monitoring wells (MW-1 through MW-5) by Terra-Trace. The monitoring wells were constructed of schedule 40 PVC material including a 10-foot screen (0.010-inch slots) placed at the 10-20 foot depth interval. Annular space surrounding the well screen was filled with filter sand (#5 quartz) and then sealed with bentonite pellets. Monitoring wells were completed with flush mount vaults held in-place with concrete. Upon completion of well installation activities, top-of-casing (TOC) elevations were surveyed relative to an arbitrarily assigned datum of 100.00 ft. Photographs of the monitoring well installation activities and the monitoring well construction logs have been included in Appendix F.

5.2.2 Groundwater Sampling

On July 18, 2005, after sufficient time had allowed groundwater to accumulate within the wells, K&B mobilized to the Site and collected groundwater elevation data using a Solinst™ water level meter. The water level meter was decontaminated after its use in each well. After water levels were recorded, monitoring wells were developed using dedicated disposable bailers and sterile latex sampling gloves. Monitoring wells were bailed dry and K&B left the Site to allow the groundwater to recharge.

On July 20, 2005, K&B mobilized to the Site to collect groundwater samples for analyses of the COCs identified as a result of the initial assessment (PNAs and certain RCRA metals). Prior to well developing activities, K&B collected groundwater elevation data using the water level meter. The water level meter was decontaminated after its use in each well. Once the water level measurements were recorded, wells were developed using dedicated disposable bailers and sterile latex sampling gloves.

After sufficient time had elapsed to allow groundwater to recharge, groundwater samples were collected from the monitoring wells by transferring groundwater directly from the dedicated bailers into laboratory-provided sample bottles. Groundwater samples were correctly labeled and placed in a cooler on ice to maintain a temperature of 4°C. After sufficient time had allowed suspended soil sediments to precipitate, groundwater was decanted from the laboratory-provided sample bottles into laboratory-preserved (HNO_3) sample bottles, labeled and designated for analyses of certain RCRA Metals. The groundwater samples were maintained in a cooler on ice until they were picked up by STAT under standard chain-of-custody procedures. Due to the slow groundwater recharge rate, groundwater samples were not collected for PNA analyses.

On July 21, 2005, K&B mobilized to the Site to collect groundwater samples for PNA analyses. Prior to well developing activities, K&B collected groundwater elevation data using the water level meter. The water level meter was decontaminated after its use in each well. Once the water level measurements were recorded, wells were developed using dedicated disposable bailers and sterile latex sampling gloves.

After sufficient time had elapsed for groundwater to accumulate within the wells, groundwater samples were again collected from the monitoring wells by transferring groundwater directly from the dedicated bailers into laboratory-provided sample bottles. Groundwater samples were correctly labeled and placed in a cooler on ice to maintain a temperature of 4°C. After sufficient time had allowed suspended soil sediments to precipitate, groundwater was decanted from the laboratory-provided sample bottles into laboratory-specified (1-Liter Amber) sample bottles, labeled and designated for PNA analyses. The groundwater samples were maintained in a cooler on ice until they were picked up by STAT under standard chain-of-custody procedures.

5.3 Site Hydrogeology

The groundwater elevation data were summarized on the following table.

Table 5.3.1

Groundwater Elevation Data

Monitoring Well	TOC Elevation	Depth to Groundwater			Groundwater Elevation		
		7/18/2005	7/20/2005	7/21/2005	7/18/2005	7/20/2005	7/21/2005
MW-1	97.46	10.27	10.31	10.31	87.19	87.15	87.15
MW-2	97.19	10.48	10.53	10.54	86.71	86.66	86.65
MW-3	97.54	10.35	10.37	10.38	87.19	87.17	87.16
MW-4	96.88	9.71	9.75	9.74	87.17	87.13	87.14
MW-5	96.62	9.02	9.07	9.08	87.6	87.55	87.54

Triangulating monitoring wells MW-5, MW-4 and MW-2, and using groundwater elevation data from 7-18-05, groundwater flow direction was calculated to be northeasterly toward Lake Michigan (Figure 6). The average calculated hydraulic gradient (i) between MW-5 and MW-2 was 0.0036 ft/ft. The result of the hydraulic conductivity analysis performed on B-10 (12'-16') was 7.35 (10^{-7}) cm/s.

6.0 ENDANGERMENT ASSESSMENT

6.1 Soil Analytical Results

Based on the future redevelopment of the Site as a public park, the soil analytical results were compared to the residential Tier 1 Soil Remediation Objectives (Tier 1 SROs) found in 35 IAC 742. These Tier 1 SROs represent acceptable baseline contaminant concentrations and the Tier 1 SROs for residential property are appropriate given the Site's intended future use as a public park. Soil analytical results were also compared to the construction worker Tier 1 SROs, in consideration of site redevelopment activities. Soil sample analytical results have been summarized in Tables 1 through 5.

The analytical results of the soil samples analyzed indicated that certain PNAs and RCRA metals were detected in soils at the Site at levels exceeding the most stringent Tier 1 SROs. Table 6.1.1 provided a detailed summary of the location and description of the COCs that exceeded the Tier 1 SROs for each exposure pathway.

TABLE 6.1.1
Contaminants of Concern Exceeding Tier 1 SROs
Pritzker Park / Chicago, Illinois

Sample Location	Tier 1 Exposure Pathway Exceedances					
	Route Specific Values				Soil Component of Groundwater	
	Residential		Construction Worker			
	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
SB-1 (0-3)	As					
SB-1 (3-6)	PNAs				PNAs	PNAs
SB-2 (0-3)	As					
SB-2 (6-9)	PNAs				PNAs	
SB-3 (0-3)	As					
SB-4 (0-3)	As					
SB-5 (0-3)	As					
SB-5 (3-6)	PNAs					
SB-6 (0-3)	As					
SB-6 (6-9)	PNAs				PNAs	
SB-7 (0-3)	As				As	
SB-7 (3-6)	PNAs				PNAs	
SB-8 (0-3)	As					
SB-8 (3-6)	PNAs					
SB-9 (0-3)	As					
SB-10 (0-3)	PNAs, As				PNAs	

NOTE: As = Arsenic; PNAs = Various (See Table 2).

As shown in the preceding table, the Tier 1 SROs for the soil ingestion exposure route and for the soil component of the groundwater ingestion exposure route were exceeded by arsenic and/or PNAs at various depths (See Tables 2 & 3). The arsenic impacts were limited to surficial soils (0'-3'). PNA impacts were limited to fill material and construction debris (~3'-11'). The horizontal extent of arsenic-impacted surficial (0-3') soils was depicted on Figure 4-A. The horizontal extent of PNA-impacted subsurface soils has been shown on Figure 4-B. The vertical extent of arsenic and PNA-impacted soil has been illustrated on Figure 5.

None of the potential COCs were detected at levels exceeding the Tier 1 SROs for the following exposure pathways: (1) residential inhalation, (2) construction worker ingestion or (3) construction worker inhalation. Because arsenic and PNAs were detected at levels that exceeded the residential Tier 1 SROs for soil ingestion and

the soil component of groundwater ingestion, further evaluation of these exposure pathways was necessary.

6.2 Groundwater Analytical Results

Groundwater analytical results were compared to the Tier 1 Groundwater Remediation Objectives (Tier 1 GROs) found in 35 IAC 742. The Tier 1 GROs represent acceptable baseline contaminant concentrations and were appropriate for the Comprehensive Site Investigation. Groundwater analytical results were summarized in Tables 6 through 10.

A comparison of the groundwater analytical results to the Tier 1 GROs indicated that the groundwater beneath the Site was impacted by certain PNAs and metals at levels exceeding the Tier 1 GROs for Class I and/or Class II groundwater. Table 6.2.1 provided a detailed summary of the location and description of the COCs that exceeded the Tier 1 GROs.

TABLE 6.2.1
Contaminants of Concern Exceeding Tier 1 GROs
Pritzker Park / Chicago, Illinois

Sample Location	Tier 1 GROs	
	Class I	Class II
TMW-1 / MW-1	Fe, Mn	Fe
TMW-2 / MW-2	Pb, Mn	
TMW-3 / MW-3	PNAs, Pb, Cr, Fe, Mn	Pb, Fe
TMW-4 / MW-4	Fe, Pb, Mn	Fe
TMW-5 / MW-5	Fe, Mn	Fe

Note: PNAs = Various (See Table 7); Cr = Chromium; Pb = Lead; Fe = Iron; Mn = Manganese; Hg = Mercury

As shown above, the Tier 1 GROs for Class I and Class II groundwater were exceeded by certain metals and PNA compounds. Therefore, the groundwater

ingestion exposure pathway required further evaluation. The horizontal extent of impacted groundwater has been shown on Figure 6. A copy of the laboratory report for the groundwater analyses was included as Appendix G.

6.3 Contaminant Fate and Transport

Surficial and subsurface organic carbon values were analytically determined to be 1.49% and 3.56%, respectively (B-3 [0-3] & [9-12]). The results of the hydraulic conductivity analysis performed on B-10 (12-16) confirmed that the soils beneath the Site have a hydraulic conductivity of 7.35 (10^{-7}) cm/s. Due to the low hydraulic conductivity, the potential for the contaminant migration of COCs was considered low. The high f_{oc} (3.56%) of the subsurface soils will attract aqueous COCs (organic) and will effectively retard hydrocarbon transport through the subsurface soil, further reducing the potential for contaminant migration.

7.0 CONCLUSIONS

7.1 Soil

The soil at the Site was adequately characterized. The soil contaminant distribution appeared relatively homogenous. The surficial soils were impacted with arsenic at levels exceeding the Tier 1 SROs for soil ingestion. Subsurface soils were impacted with PNAs exceeding the Tier 1 SROs for soil ingestion. The vertical extent of PNA impacts was defined based on the analytical results from B-3 (9-12), B-4 (9-12) and B-9 (9-11).

Since soil analytical results did not exceed the residential Tier 1 SROs for the inhalation exposure pathway, this pathway does not require further evaluation pursuant to Section 742.500(c). In addition, neither the construction worker ingestion or inhalation exposure pathways require further evaluation. Certain PNAs and metals were detected in the soils beneath the Site at levels exceeding the

residential Tier 1 SROs for the soil ingestion and the soil component of groundwater ingestion exposure routes. These exposure pathways could not be eliminated from consideration and require further evaluation.

Based on the results of the soil investigation, concentrations of the following analytes exceeded the applicable Tier 1 SROs.

1. Benzo(a)Anthracene
2. Benzo(a)Pyrene
3. Benzo(b)Fluoranthene
4. Dibenz(a,h)Anthracene
5. Indeno(1,2,3)Pyrene
6. Arsenic

The analytes listed above were considered COCs for the Site. Potential COCs that were either not detected at the stated laboratory detection limits or detected at levels lower than the applicable Tier 1 SROs were eliminated from further consideration.

7.2 Groundwater

Groundwater beneath the Site was adequately characterized. Groundwater analytical results from the initial groundwater sampling event (March 3, 2005) identified certain metals and trace PNAs at levels exceeding the Tier 1 GROs for Class I groundwater. Due to the turbid nature of the initial groundwater samples, it was not certain whether the PNAs and metals were actually dissolved in groundwater or whether they were adhered to the suspended soil particles within the groundwater samples. Therefore, during the delineation groundwater sampling event, suspended soil particles were allowed to precipitate and groundwater samples were decanted from laboratory-provided sample bottles into the laboratory-prescribed sample bottles prior to submittal for laboratory analyses.

Results of the delineation groundwater sampling did not identify any PNAs at the

stated laboratory detection limits. Certain metals were detected in groundwater at levels exceeding the Tier 1 GROs for Class I and Class II groundwater; however, the metals were detected at lower levels than in the initial groundwater samples, which were noted to be turbid. Since the groundwater analytical results from the delineation groundwater sampling did not identify any PNAs at the stated laboratory detection limits, and because metals were detected at lower levels than in the initial groundwater samples, K&B concluded the initial groundwater sampling results were skewed due to the suspension of soil particles within the groundwater samples.

At any rate, the delineation groundwater assessment resulted in the detection of certain metals at levels exceeding the Tier 1 GROs for Class I and/or Class II groundwater in every groundwater sample analyzed (Table 9). Iron was the only analyte that was detected at a level exceeding the Tier 1 GROs for *Class II* groundwater. *The source of the metals was not obvious since only arsenic was* detected in the site's soils at levels exceeding the most restrictive Tier 1 SROs.

Based on the results of the delineation groundwater assessment, concentrations of the following analytes exceeded the Tier 1 GROs:

7. Chromium (total)
8. Iron
9. Lead
10. Manganese
11. Mercury

The above listed analytes were considered COCs for the Site. Please note that since PNAs were not detected during the delineation groundwater assessment, they were not considered to be COCs in groundwater. Potential COCs that were either not detected at the stated laboratory detection limits, or that were detected at levels lower than the Tier 1 GROs for Class I groundwater, were eliminated from further consideration. Because the groundwater was impacted by certain metals exceeding

the Tier 1 GROs for Class I and/or Class II groundwater, the groundwater ingestion exposure pathway could not be eliminated from consideration and requires further evaluation.

7.3 Recommendation

Because the Comprehensive Site Investigation revealed evidence of contaminants-of-concern, K&B recommended that remediation objectives be developed in accordance with 35 IAC 742. Remediation objectives will be developed for the eleven (11) COCs listed in this Section. Results of the remediation objectives determination will be documented in a *Remedial Objectives Report / Remedial Action Plan* (ROR/RAP) that will be submitted to the Illinois EPA. The ROR/RAP will meet the requirements of Sections 740.445 and 740.450.

8.0 REFERENCES

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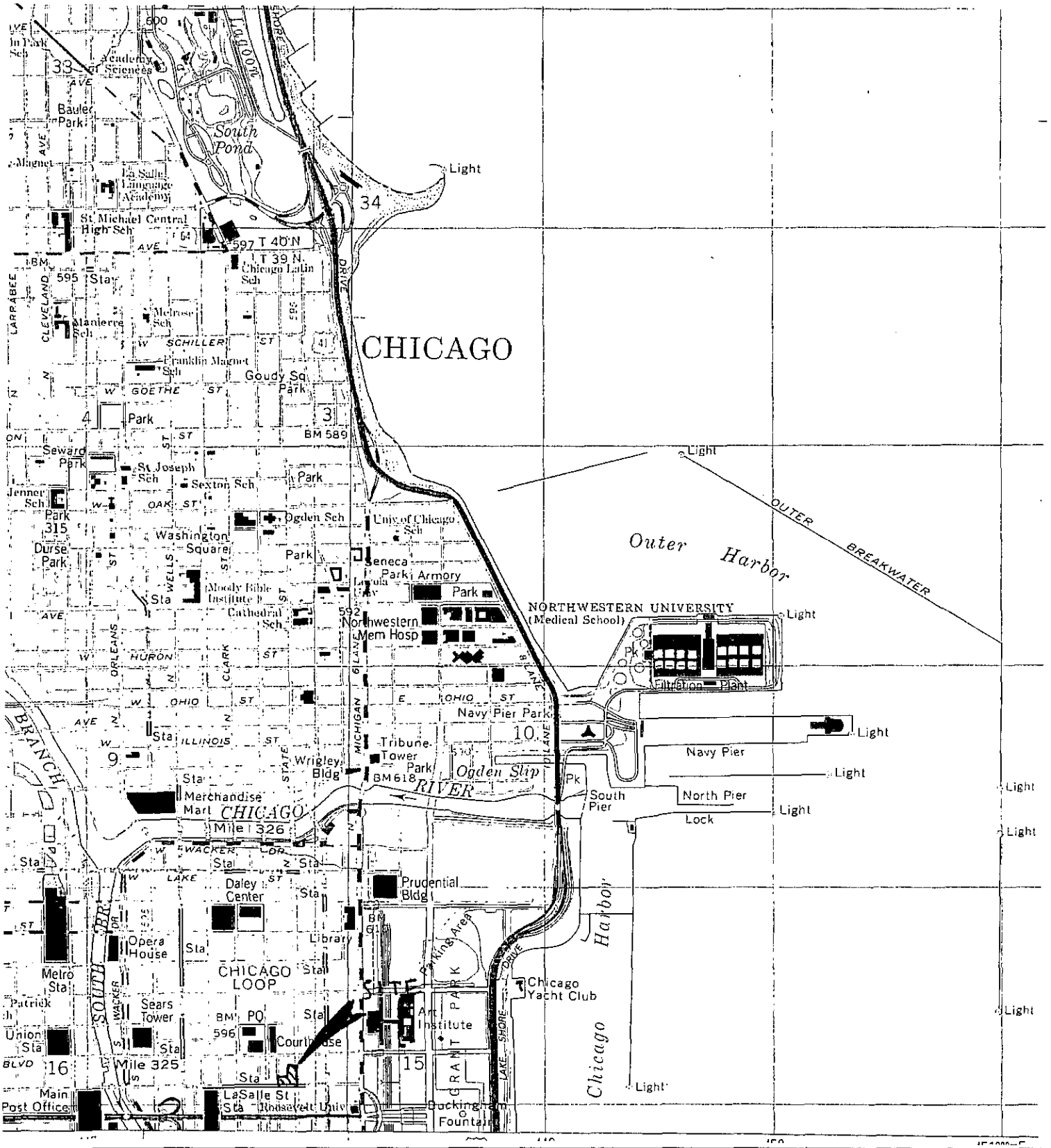
Willman, H.B. 1971. *Summary of the Geology of the Chicago Area.* Illinois State Geologic Survey Circular 460.



KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

118 North Peoria Street, Suite 5 North
Chicago, Illinois 60607 U.S.A.

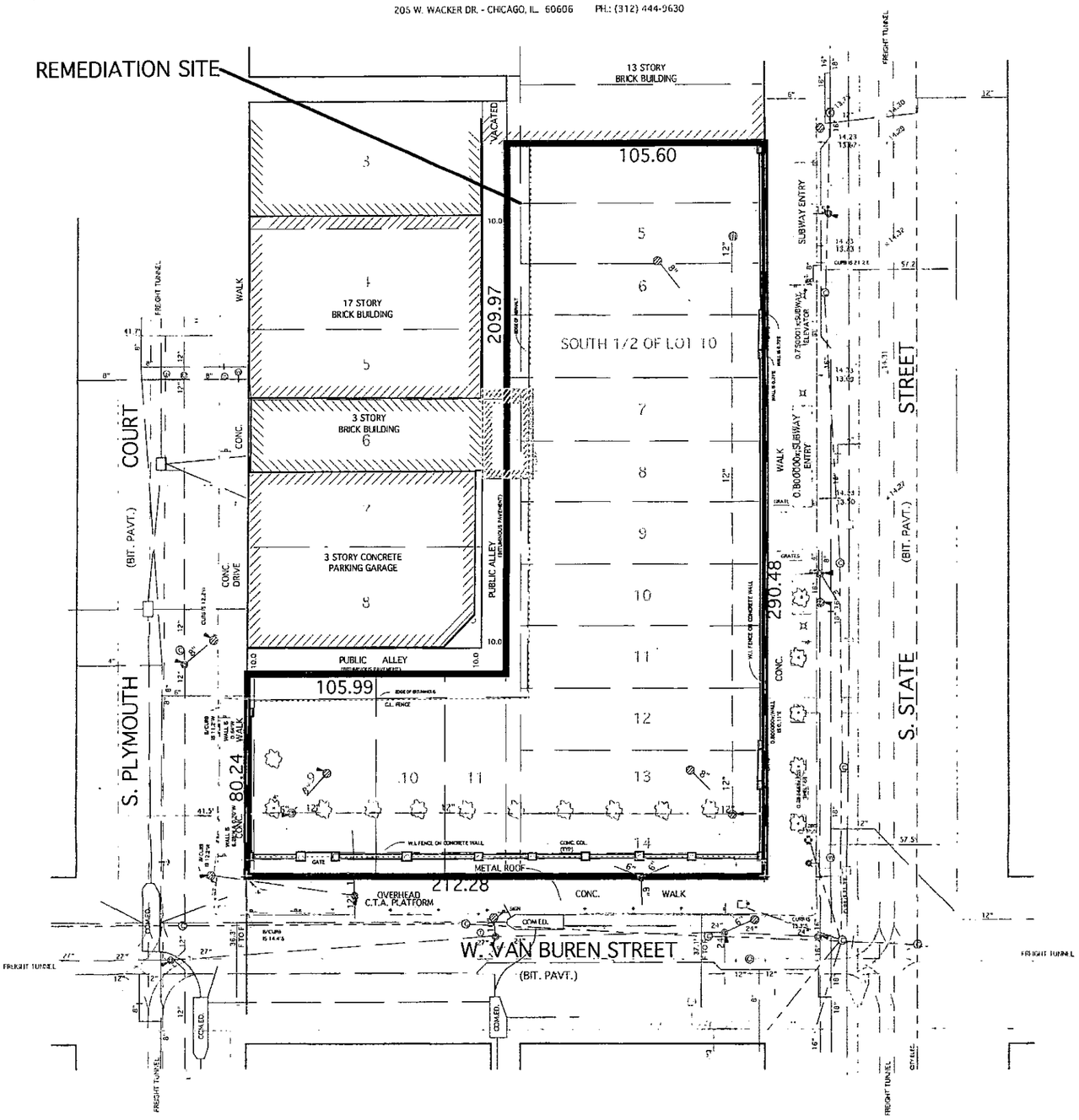
Project No. 05-ENV-001
Date: July 2005
Scale: 1:24,000
USGS QUADRANGLE -
CHICAGO LOOP
7.5 Minute Series

FIGURE 1
Site Location Map
Pritzker Park
Chicago, Illinois

PLAT OF SURVEY

NAKAWATASE, WYNS & ASSOCIATES, INC.

ENGINEERS & SURVEYORS
205 W. WACKER DR. - CHICAGO, IL. 60606 PH.: (312) 444-9630



UTILITY NOTES:

1. LOCATIONS OF UNDERGROUND UTILITIES PICTURED ON THIS PLAT WERE PREPARED USING A COMBINATION OF FIELD OBSERVATIONS AND RECORDS PROVIDED BY THE CHICAGO DEPARTMENT OF TRANSPORTATION - BUREAU OF INSPECTIONS / OFFICE OF UNDERGROUND COORDINATION. ACTUAL LOCATIONS OF SOME UTILITIES MAY DIFFER FROM THOSE SHOWN. IF ANY EXCAVATING, SOIL TESTING, DRILLING, ETC. IS ANTICIPATED EITHER ON THE SITE OR ADJACENT TO THE SITE - IT IS ADVISIBLE TO CONTACT THE CHICAGO UTILITY ALERT NETWORK (DIGGER) AT 312-744-7000 TO PROVIDE FIELD LOCATIONS OF THESE UTILITES.

2. THE UNDERGROUND LOCATION OF SUBWAY TUNNELS AND THE STATION LOCATED IN STATE STREET AND THE ADJOINING SIDEWALKS ARE NOT SHOWN. THE ENTRANCES SHOWN ON THIS PLAT APPEAR TO BE AT THE WESTERLY EXTENT OF THESE FACILITIES.

3. CTA RECORDS INDICATE STREETCAR TRACKS BURIED IN BOTH STATE AND VAN BUREN STREETS. THESE TRACKS ARE NOT SHOWN ON THE PLAT.

4. RECORDS INDICATE THE PRESENCE OF "FIRE ALARM & POLICE TELEGRAPH CABLE SYSTEM" IN BOTH STATE AND VAN BUREN STREETS. THESE CABLES ARE NOT SHOWN ON PLAT DUE TO SCHEMATIC NATURE OF RECORDS.

LEGEND

- SEWER MANHOLE
- CATCH BASIN
- CITY ELECTRIC MANHOLE
- COM. ED. CO. MANHOLE
- LIGHT POLE
- POWER POLE
- TELEPHONE POLE
- TRAFFIC SIGNAL
- TRAF SIG W/ST LGT
- REGULATORY SIGN
- ELECTRIC HAND HOLE
- AMERITECH MANHOLE
- PHONE BOOTH
- FIRE HYDRANT
- GAS BUFFALO BOX
- WATER BUFFALO BOX
- WATER VALVE
- STORM INLET
- CONCRETE CURB
- WATER METER
- TREE WITH DIAMETER
- CONTROL BOX
- PARKING METER
- EVERGREEN TREE W/DIA
- MAIL BOX
- COAL CHUTE

NOTES:

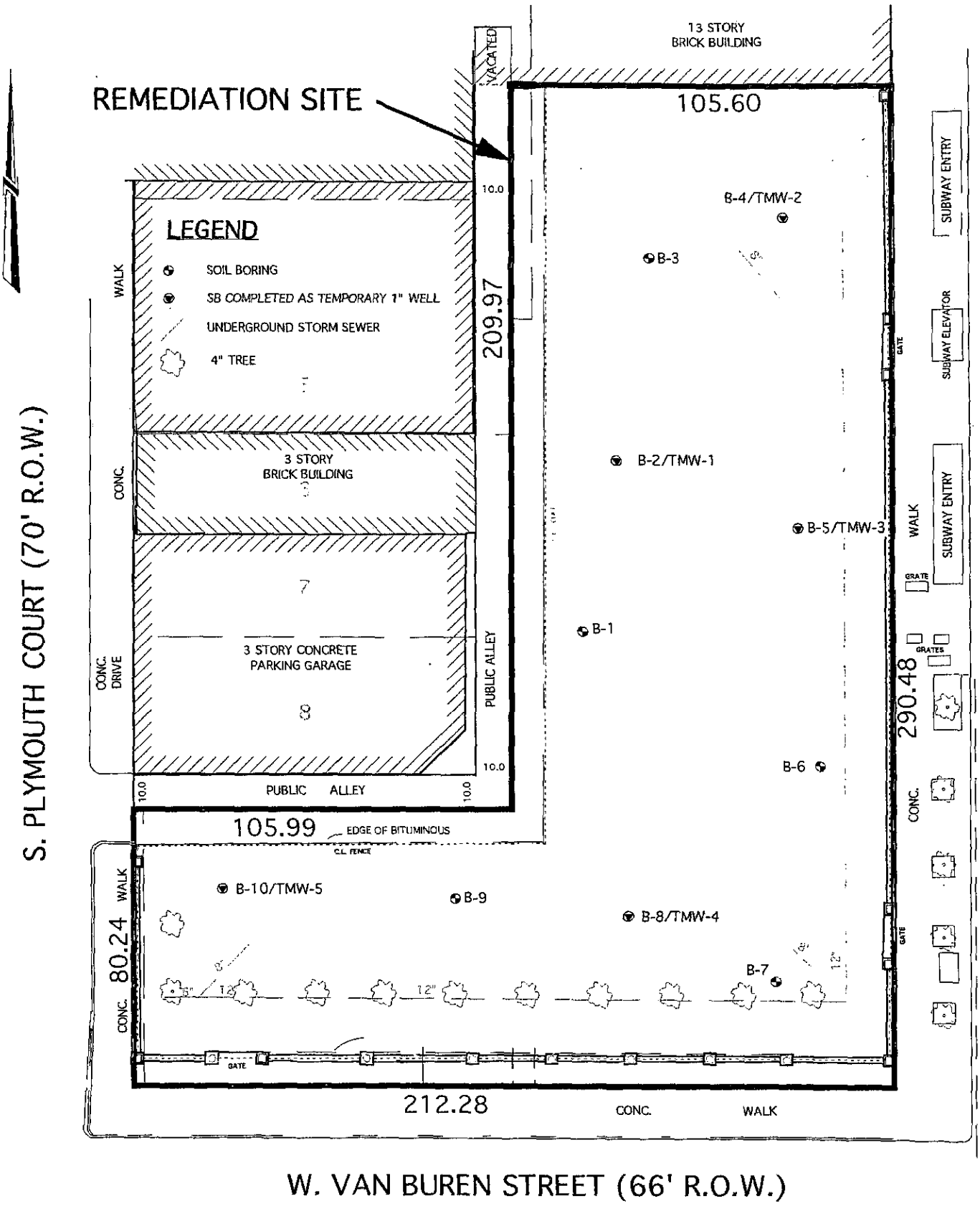
1. Please check Legal Description with Deed and report any discrepancies immediately.
2. Compare all points before building by same and report any discrepancies at once.
3. Building lines, if any, shown hereon are building lines shown on the recorded subdivision plat.

FILE NO.: STATE-VANBUREN

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT
118 North Peoria Street, Suite 5 North
Chicago, Illinois 60607 U.S.A.

Project No. 05-ENV-001
Scale: 1" = 40'
Date: June 2005
Drawn By: T. Brecheisen

FIGURE 2
Plat of Survey
Pritzker Park
State / Van Buren
Chicago, Illinois



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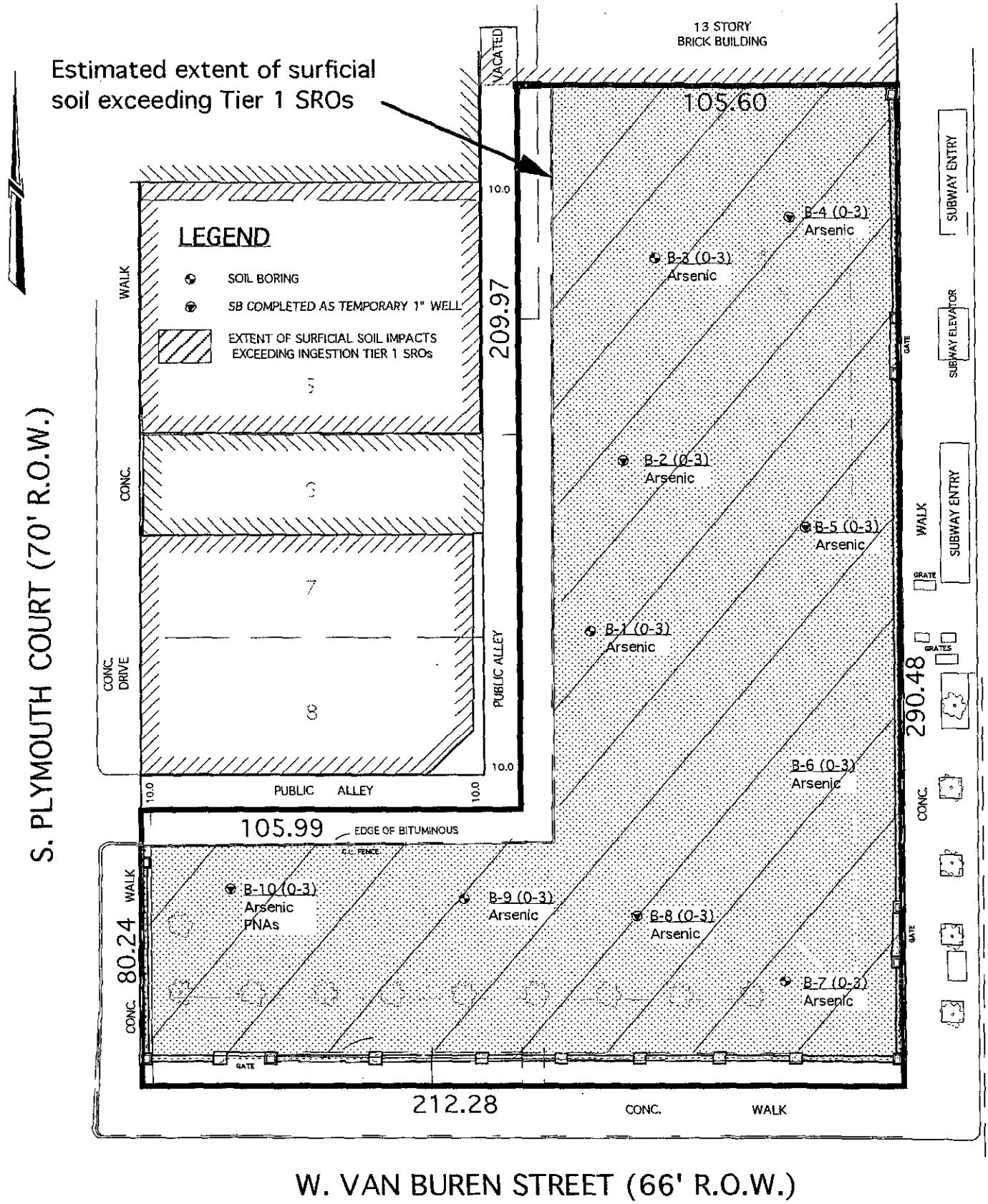
Project No. 05-ENV-001
Scale: 1" = 40'
Date: June 2005
Drawn by: T. Brecheisen

FIGURE 3
Soil Boring Locations
Pritzker Park
Chicago, Illinois



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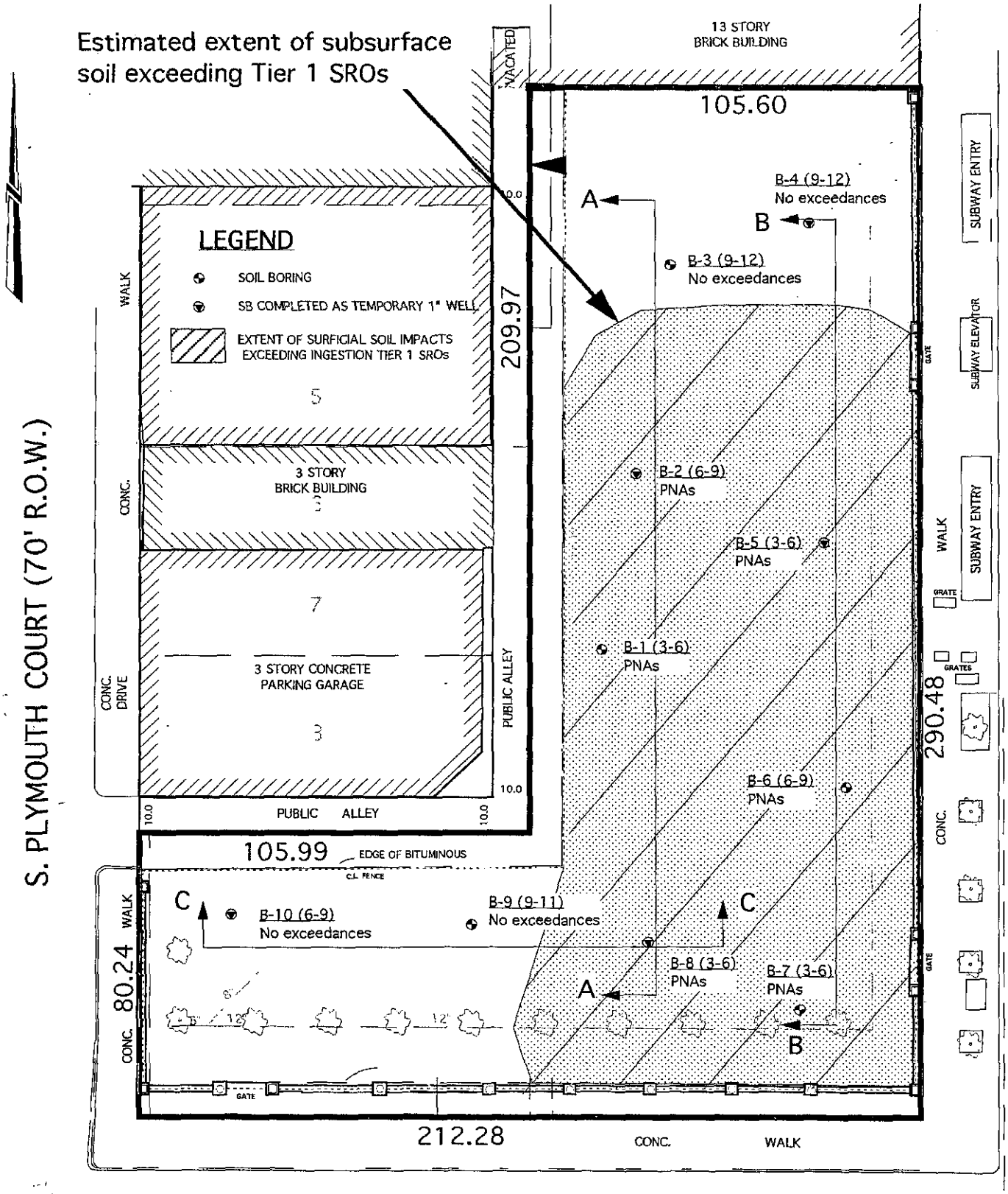
MANAGEMENT ENGINEERING ENVIRONMENT

Project No. 05-ENV-001
Scale: 1" = 40'
Date: June 2005
Drawn by: T. Brecheisen

FIGURE 4-A
Extent of Surficial Soil Impacts
Pritzker Park
Chicago, Illinois



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Project No. 05-ENV-001
Scale: 1" = 40'
Date: June 2005
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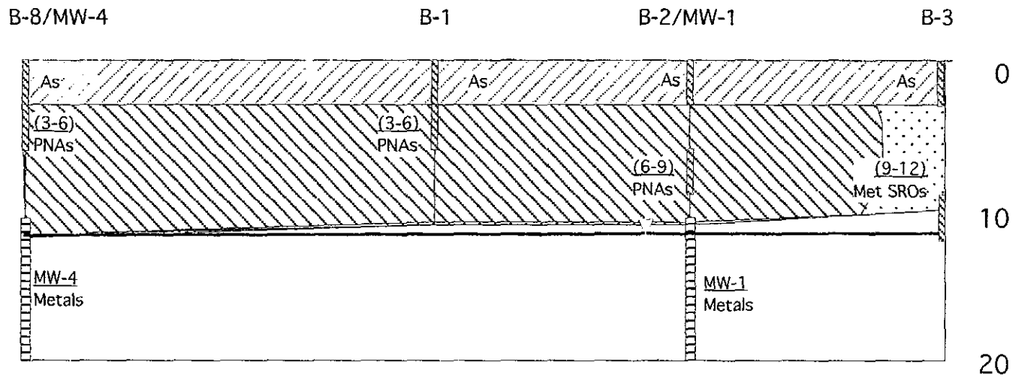
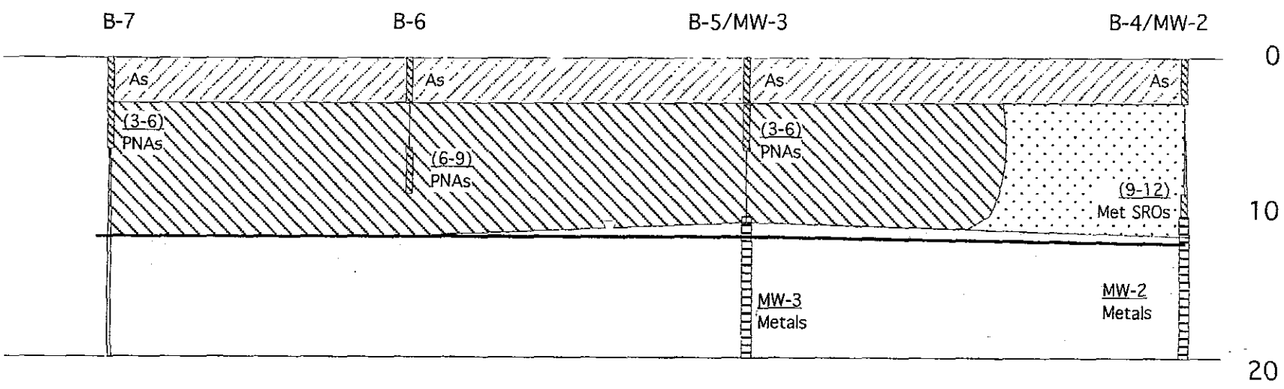
FIGURE 4-B
Extent of Subsurface Soil Impacts
Pritzker Park
Chicago, Illinois

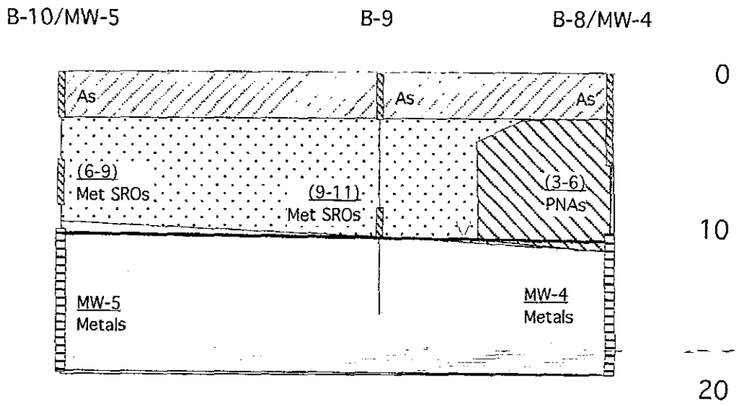
SECTION A-A



SECTION B-B



SECTION C-C



LEGEND

- Arsenic-impacted soil exceeding Tier 1 SROs
- PNA-impacted soil exceeding Tier 1 SROs
- FILL Material
- Potentiometric Surface (Measured)

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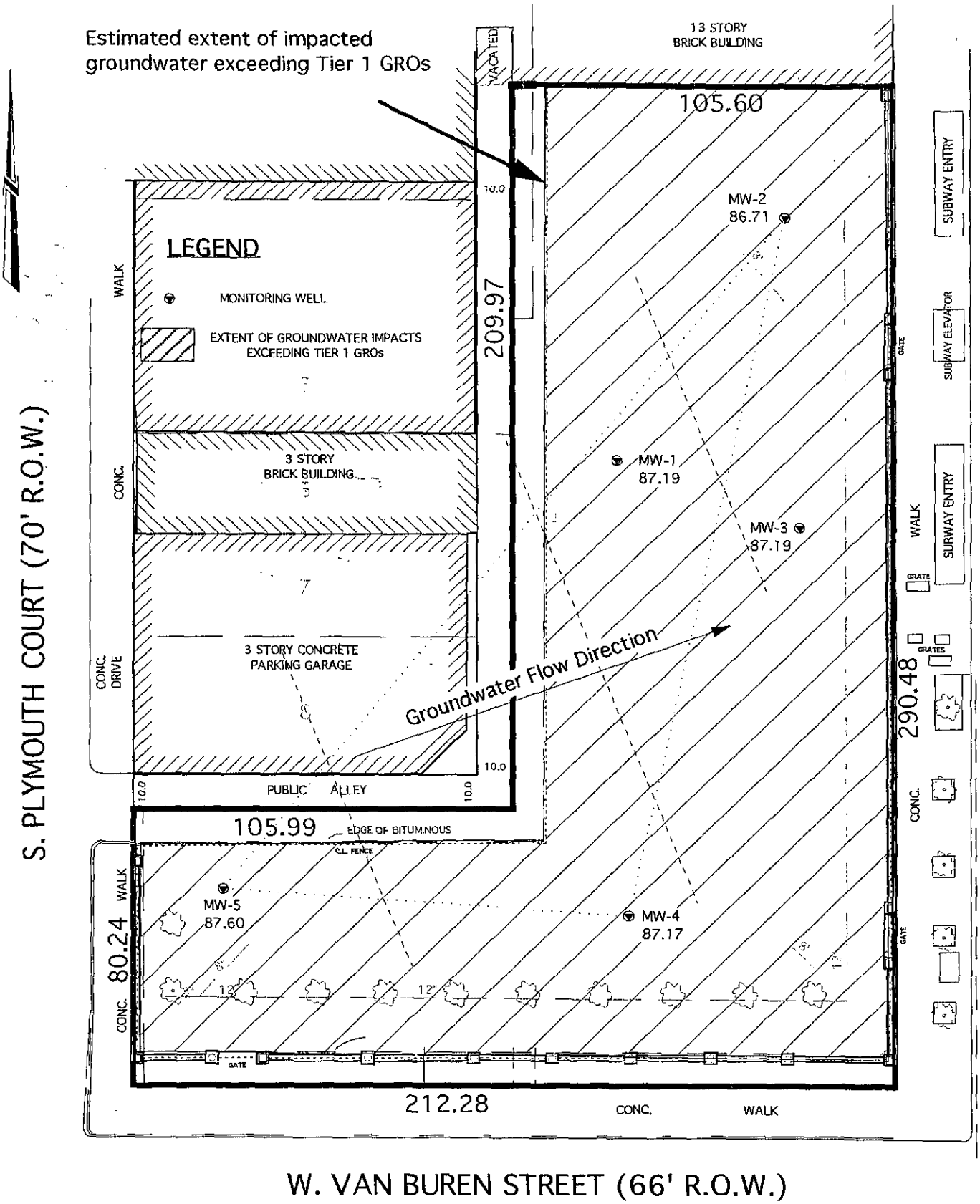
118 North Peoria Street, Suite 5 North
Chicago, Illinois 60607 U.S.A.

Horizontal Scale: 1"=30'
Vertical Scale: 1" = 10'
July 2005
Drawn by: T. Brecheisen

FIGURE 5
Vertical Extent of Impacted Soil
Pritzker Park
Chicago, Illinois



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MANAGEMENT ENGINEERING ENVIRONMENT

Project No. 05-ENV-001
Scale: 1" = 40'
Date: August 2005
Drawn by: T. Brecheisen

FIGURE 6
Extent of Impacted Groundwater
Pritzker Park
Chicago, Illinois

Table 1
Soil Analytical Results
VOCs
Pritzker Park
Chicago, Illinois

ANALYTE	SB-1 (0'-3')	SB-1 (3'-6')	SB-2 (0'-3')	SB-2 (6'-9')	SB-3 (0'-3')	SB-3 (9'-12')	SB-4 (0'-3')	SB-4 (9'-12')	SB-5 (0'-3')	SB-5 (3'-6')	Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use: Route Specific Values: Residential: Ingestion	Residential: Inhalation	Construction Worker: Ingestion	Construction Worker: Inhalation	Soil Component of Groundwater Ingestion Exposure Route: Class I	Soil Component of Groundwater Ingestion Exposure Route: Class II
Acetone			27	71							7,800,000	100,000,000	200,000,000	100,000,000	16,000	16,000
Benzene	<4.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	12,000	800	2,300,000	2,200	30	170
Bromodichloromethane			<5	<5							10,000	3,000,000	2,000,000	3,000,000	600	600
Bromoform			<5	<5							81,000	53,000	16,000,000	140,000	800	800
Bromomethane			<11	<10							110,000	10,000	1,000,000	3,900	200	1,200
2-Butanone (MEK)			<11	15							--	--	--	--	--	--
Carbon disulfide			<5	<5							7,800,000	720,000	20,000,000	9,000	32,000	160,000
Carbon tetrachloride			<5	<5							5,000	300	410,000	900	70	330
Chlorobenzene			<5	<5							1,600,000	130,000	4,100,000	1,300	1,000	6,500
Chlorodibromomethane			<5	<5							41,000,000	1,300,000	41,000,000	1,300,000	400	400
Chloroethane			<11	<10							--	--	--	--	--	--
Chloroform			<5	<5							100,000	300	2,000,000	760	600	2,900
Chloromethane			<5	<5							--	--	--	--	--	--
1,1-Dichloroethane			<5	<5							7,800,000	1,300,000	200,000,000	130,000	23,000	110,000
1,2-Dichloroethane			<5	<5							7,000	400	1,400,000	990	20	100
1,1-Dichloroethene			<5	<5							700,000	1,500,000	1,800,000	300,000	60	300
cis-1,2-Dichloroethene			<5	<5							780,000	1,200,000	20,000,000	1,200,000	400	1,100
trans-1,2-Dichloroethene			<5	<5							1,600,000	3,100,000	41,000,000	3,100,000	700	3,400
1,2-Dichloropropane			<5	<5							9,000	15,000	1,800,000	500	30	150
1,3-Dichloropropene (total)			<5	<5							6,400	1,100	1,200,000	390	4.0	20
Ethylbenzene	<4.5	<5	<5	<5	<5	<5	<5	<5	<5	<5	7,800,000	400,000	20,000,000	58,000	13,000	19,000
2-Hexanone			<11	<10							--	--	--	--	--	--
4-Methyl-2-pentanone (MIBK)			<11	<10							--	--	--	--	--	--
Methylene chloride			<11	<10							85,000	13,000	12,000,000	34,000	20	200
Methyl tert-butyl ether			<5	<5							780,000	8,800,000	2,000,000	140,000	320	320
Styrene			<5	<5							16,000,000	1,500,000	41,000,000	430,000	4,000	18,000
1,1,2,2-Tetrachloroethane			<5	<5							--	--	--	--	--	--
Tetrachloroethene			<5	<5							12,000	11,000	2,400,000	28,000	60	300
Toluene	<4.5	<5	6	<5	<5	<5	6	<5	6	<5	16,000,000	650,000	410,000,000	42,000	12,000	29,000
1,1,1-Trichloroethane			<5	<5							--	1,200,000	--	1,200,000	2,000	9,600
1,1,2-Trichloroethane			<5	<5							310,000	1,800,000	8,200,000	1,800,000	20	300
Trichloroethene			<5	<5							58,000	5,000	1,200,000	12,000	60	300
Vinyl chloride			<5	<5							460	280	170,000	1,100	10	70
Total Xylenes	<9	<10	<11	<10	<10	<11	<10	<9	<10	<11	160,000,000	320,000	410,000,000	320,000	150,000	150,000

NOTES:
Results listed in µg/kg (ppb).
Samples analyzed using test method SW8260B/5035.
Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B.
Bolded *cell indicates concentration exceeds the most stringent Tier 1 SRO.*
Blank cell indicates Not Analyzed for this parameter.
"<" indicates not detected at stated detection limits.
"--" indicates Tier 1 SRO not published in TACO.

OCT 19 2005

Table 1
Soil Analytical Results
VOCs
Pritzker Park
Chicago, Illinois

ANALYTE	SB-6 (0'-3')	SB-6 (6'-9')	SB-7 (0'-3')	SB-7 (3'-6')	SB-8 (0'-3')	SB-8 (3'-6')	SB-9 (0'-3')	SB-9 (9'-11')	SB-10 (0'-3')	SB-10 (6'-9')	Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use — Route Specific Values — Residential — Ingestion	Residential — Inhalation	Construction Worker — Ingestion	Construction Worker — Inhalation	Soil Component of Groundwater Ingestion Exposure Route — Class I	Soil Component of Groundwater Ingestion Exposure Route — Class II
Acetone											7,800,000	100,000,000	200,000,000	100,000,000	16,000	16,000
Benzene	<5	<5	<5	<7	<5	<6	<5	<5	<6	6	12,000	800	2,300,000	2,200	30	170
Bromodichloromethane											10,000	3,000,000	2,000,000	3,000,000	600	600
Bromoform											81,000	53,000	16,000,000	140,000	800	800
Bromomethane											110,000	10,000	1,000,000	3,900	200	1,200
2-Butanone (MEK)											--	--	--	--	--	--
Carbon disulfide											7,800,000	720,000	20,000,000	9,000	32,000	160,000
Carbon tetrachloride											5,000	300	410,000	900	70	330
Chlorobenzene											1,600,000	130,000	4,100,000	1,300	1,000	6,500
Chlorodibromomethane											41,000,000	1,300,000	41,000,000	1,300,000	400	400
Chloroethane											--	--	--	--	--	--
Chloroform											100,000	300	2,000,000	760	600	2,900
Chloromethane											--	--	--	--	--	--
1,1-Dichloroethane											7,800,000	1,300,000	200,000,000	130,000	23,000	110,000
1,2-Dichloroethane											7,000	400	1,400,000	990	20	100
1,1-Dichloroethene											700,000	1,500,000	1,800,000	300,000	60	300
cis-1,2-Dichloroethene											780,000	1,200,000	20,000,000	1,200,000	400	1,100
trans-1,2-Dichloroethene											1,600,000	3,100,000	41,000,000	3,100,000	700	3,400
1,2-Dichloropropane											9,000	15,000	1,800,000	500	30	150
1,3-Dichloropropene (total)											6,400	1,100	1,200,000	390	4.0	20
Ethylbenzene	<5	<5	<5	<7	<5	<6	<5	<5	<6	<5	7,800,000	400,000	20,000,000	58,000	13,000	19,000
2-Hexanone											--	--	--	--	--	--
4-Methyl-2-pentanone (MIBK)											--	--	--	--	--	--
Methylene chloride											85,000	13,000	12,000,000	34,000	20	200
Methyl tert-butyl ether											780,000	8,800,000	2,000,000	140,000	320	320
Styrene											16,000,000	1,500,000	41,000,000	430,000	4,000	18,000
1,1,2,2-Tetrachloroethane											--	--	--	--	--	--
Tetrachloroethene											12,000	11,000	2,400,000	28,000	60	300
Toluene	6	<5	<5	<7	<5	<6	<5	<5	<6	<5	16,000,000	650,000	410,000,000	42,000	12,000	29,000
1,1,1-Trichloroethane											--	1,200,000	--	1,200,000	2,000	9,600
1,1,2-Trichloroethane											310,000	1,800,000	8,200,000	1,800,000	20	300
Trichloroethene											58,000	5,000	1,200,000	12,000	60	300
Vinyl chloride											460	280	170,000	1,100	10	70
Total Xylenes	<10	<10	<11	<14	<11	<13	<9	<11	<12	<10	160,000,000	320,000	410,000,000	320,000	150,000	150,000

NOTES:
Results listed in µg/kg (ppb).
Samples analyzed using test method SW8260B/5035.
Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B.
Bolded cell indicates concentration exceeds the most stringent Tier 1 SRO.
Blank cell indicates Not Analyzed for this parameter.
"<" indicates not detected at stated detection limits.
"--" indicates Tier 1 SRO not published in TACO.

TABLE 2
Soil Sample Analytical Results
PNAs
Pritzker Park
Chicago, Illinois

ANALYTE	SB-1 (0'-3')	SB-1 (3'-6')	SB-2 (0'-3')	SB-2 (6'-9')	SB-3 (0'-3')	SB-3 (9'-12')	SB-4 (0'-3')	SB-4 (9'-12')	SB-5 (0'-3')	SB-5 (3'-6')	Tier 1 Soil Remediation Objectives (Tier 1 SROs)					
											Route Specific Values				Soil Component of Groundwater Ingestion	
											Residential		Construction Worker			
											Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
Acenaphthene	<28	1,700	<28	210	<29	<31	<28	<29	<28	180	4,700,000	--	120,000,000	--	570,000	2,900,000
Acenaphthylene	<28	280	<28	<30	<29	<31	<28	<29	<28	52	--	--	--	--	--	--
Anthracene	<28	5,000	<28	990	<29	<31	<28	<29	<28	620	23,000,000	--	610,000,000	--	12,000,000	59,000,000
Benzo(a)anthracene	<28	**9,900**	<28	**1,500**	<29	<31	<28	<29	<28	**1,600**	900	--	170,000	--	2000	8000
Benzo(a)pyrene	<28	**5,200**	<28	**1,400**	<29	<31	<28	<29	<28	**1,700**	90	--	17,000	--	8,000	82,000
Benzo(b)fluoranthene	<28	**6,600**	<28	790	<29	<31	<28	<29	<28	**1,500**	900	--	170,000	--	5,000	25,000
Benzo(g,h,i)perylene	<28	3,000	<28	1,200	<29	<31	<28	<29	<28	850	--	--	--	--	--	--
Benzo(k)fluoranthene	<28	5,200	<28	1,600	<29	<31	<28	<29	<28	1,200	9,000	--	1,700,000	--	49,000	250,000
Chrysene	<28	9,900	<28	150	<29	<31	<28	<29	<28	1,600	88,000	--	17,000,000	--	160,000	800,000
Dibenz(a,h)anthracene	<28	**800**	<28	**3,200**	<29	<31	<28	<29	<28	**150**	90	--	17,000	--	2,000	7,600
Fluoranthene	<28	24,000	<28	340	<29	<31	<28	43	<28	3,000	3,100,000	--	82,000,000	--	4,300,000	21,000,000
Fluorene	<28	2,500	<28	290	<29	<31	<28	<29	<28	230	3,100,000	--	82,000,000	--	560,000	2,800,000
Indeno(1,2,3-cd)pyrene	<28	**3,700**	<28	760	<29	<31	<28	<29	<28	840	900	--	170,000	--	14,000	69,000
Naphthalene	<28	780	<28	61	<29	<31	<28	<29	<28	66	1,600,000	170,000	4,100,000	1,800	12,000	18,000
Phenanthrene	<28	17,000	<28	2,300	<29	<31	<28	<29	<28	1,900	--	--	--	--	--	--
Pyrene	<28	20,000	<28	2,700	<29	<31	<28	39	<28	2,600	2,300,000	--	61,000,000	--	4,200,000	21,000,000

NOTES:
Results listed in µg/kg (ppb).
Samples analyzed via method SW8270C-SIM.
Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B.
Bolded cell indicates concentration exceeds the most stringent Tier 1 SRO.
"<" indicates not detected at stated detection limits.
"--" indicates Tier 1 SRO not published in TACO.

TABLE 2
Soil Sample Analytical Results
PNAs
Pritzker Park
Chicago, Illinois

ANALYTE	SB-6 (0'-3')	SB-6 (6'-9')	SB-7 (0'-3')	SB-7 (3'-6')	SB-8 (0'-3')	SB-8 (3'-6')	SB-9 (0'-3')	SB-9 (9'-11')	SB-10 (0'-3')	SB-10 (6'-9')	Tier 1 Soil Remediation Objectives (Tier 1 SROs)					
											Route Specific Values				Soil Component of Groundwater Ingestion	
											Residential		Construction Worker			
											Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
Acenaphthene	<28	340	<29	980	<28	260	<29	<30	210	120	4,700,000	--	120,000,000	--	570,000	2,900,000
Acenaphthylene	<28	160	<29	290	<28	68	<29	<30	93	<29	--	--	--	--	--	--
Anthracene	<28	1,300	<29	3,800	<28	720	<29	<30	810	120	23,000,000	--	610,000,000	--	12,000,000	59,000,000
Benzo(a)anthracene	<28	**3,100**	<29	**8,000**	<28	**1,700**	<29	44	**2,600**	260	900	--	170,000	--	2000	8000
Benzo(a)pyrene	<28	**1,600**	<29	**7,700**	<28	**720**	<29	33	**1,300**	79	90	--	17,000	--	8,000	82,000
Benzo(b)fluoranthene	<28	**1,600**	<29	**7,000**	<28	790	<29	<30	**1,500**	98	900	--	170,000	--	5,000	25,000
Benzo(g,h,i)perylene	<28	1,300	<29	4,000	<28	700	<29	<30	1,200	62	--	--	--	--	--	--
Benzo(k)fluoranthene	<28	1,400	<29	5,900	<28	520	<29	32	950	74	9,000	--	1,700,000	--	49,000	250,000
Chrysene	<28	3,100	<29	8,200	<28	1,600	<29	43	2,500	250	88,000	--	17,000,000	--	160,000	800,000
Dibenz(a,h)anthracene	<28	**290**	<29	**620**	<28	**160**	<29	<30	**230**	<29	90	--	17,000	--	2,000	7,600
Fluoranthene	<28	6,300	<29	18,000	<28	3,600	30	81	4,700	530	3,100,000	--	82,000,000	--	4,300,000	21,000,000
Fluorene	<28	550	<29	1,900	<28	350	<29	<30	250	120	3,100,000	--	82,000,000	--	560,000	2,800,000
Indeno(1,2,3-cd)pyrene	<28	**1,400**	<29	**3,800**	<28	810	<29	<30	**1,200**	63	900	--	170,000	--	14,000	69,000
Naphthalene	<28	190	<29	400	<28	100	<29	<30	78	200	1,600,000	170,000	4,100,000	1,800	12,000	18,000
Phenanthrene	<28	4,200	<29	14,000	<28	2,500	<29	70	2,800	580	--	--	--	--	--	--
Pyrene	<28	5,300	<29	15,000	<28	3,000	<29	67	4,200	460	2,300,000	--	61,000,000	--	4,200,000	21,000,000

NOTES:
Results listed in µg/kg (ppb).
Samples analyzed via method SW8270C-SIM.
Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B.
Bolded cell indicates concentration exceeds the most stringent Tier 1 SRO.
"<" indicates not detected at stated detection limits.
"--" indicates Tier 1 SRO not published in TACO.

TABLE 2A
Soil Sample Analytical Results
SVOCs
Pritzker Park
Chicago, Illinois

ANALYTE	SB-2 (0'-3')	SB-2 (6'-9')	Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use					
			Residential		Construction Worker		Migration to Groundwater	
			Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
1,2,4-Trichlorobenzene	<370	<390	780,000	3,200,000	2,000,000	920,000	5,000	53,000
1,2-Dichlorobenzene	<370	<390	7,000,000	560,000	18,000,000	310,000	17,000	43,000
1,3-Dichlorobenzene	<370	<390	--	--	--	--	--	--
1,4-Dichlorobenzene	<370	<390	--	11,000,000	--	340,000	2,000	11,000
1-Chloropropane	<370	<390	--	--	--	--	--	--
2,4,5-Trichlorophenol	<740	<780	7,800,000	--	200,000,000	--	36,000[a]	36,000[a]
2,4,6-Trichlorophenol	<370	<390	58,000	200,000	11,000,000	540,000	70[a]	70[a]
2,4-Dichlorophenol	<370	<390	230,000	--	610,000	--	560[a]	560[a]
2,4-Dimethylphenol	<370	<390	1,600,000	--	41,000,000	--	9,000	9,000
2,4-Dinitrophenol	<1,800	<1,900	160,000	--	410,000	--	200	200
2,4-Dinitrotoluene	<370	<390	900	--	180,000	--	0.80	0.80
2,6-Dinitrotoluene	<370	<390	900	--	180,000	--	0.70	0.70
2-Chloronaphthalene	<370	<390	--	--	--	--	--	--
2-Chlorophenol	<370	<390	390,000	53,000,000	10,000,000	53,000,000	2,200[a]	2,200[a]
2-Methylnaphthalene	<370	<390	--	--	--	--	--	--
2-Methylphenol	<370	<390	3,900,000	--	100,000	--	15,000	15,000
2-Nitroaniline	<1,800	<1,900	--	--	--	--	--	--
2-Nitrophenol	<370	<390	--	--	--	--	--	--
3,3'-Dichlorobenzidine	<740	<780	1,000	--	280,000	--	7	33
3-Nitroaniline	<1,800	<1,900	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	<1,800	<1,900	--	--	--	--	--	--
4-Bromophenyl phenyl ether	<370	<390	--	--	--	--	--	--
4-Chloro-3-methylphenol	<370	<390	--	--	--	--	--	--
4-Chloroaniline	<370	<390	310,000	--	820,000	--	700	700
4-Chlorophenyl phenyl ether	<370	<390	--	--	--	--	--	--
4-Nitroaniline	<1,800	<1,900	--	--	--	--	--	--
4-Nitrophenol	<1,800	<1,900	--	--	--	--	--	--
Aniline	<370	<390	--	--	--	--	--	--
Benzidine	<370	<390	--	--	--	--	--	--
Benzoic Acid	<1,800	<1,900	310,000,000	--	820,000,000	--	400,000[a]	400,000[a]
Bis(2-chloroethoxy)methane	<370	<390	--	--	--	--	--	--
Bis(2-chloroethyl)ether	<370	<390	600	200	75,000	660	0.40	0.40
Bis(2-ethylhexyl)phthalate	<370	<390	46,000	31,000,000	4,100,000	31,000,000	3,600,000	31,000,000
Butyl benzyl phthalate	<370	<390	16,000,000	930,000	410,000,000	930,000	930,000	930,000
Carbazole	<370	<390	32,000	--	6,200,000	--	600	2,800
Di-n-butyl phthalate	<370	<390	7,800,000	2,300,000	200,000,000	2,300,000	2,300,000	2,300,000
Di-n-octyl phthalate	<370	<390	1,600,000	10,000,000	41,000,000	10,000,000	10,000,000	10,000,000
Dibenzofuran	<370	<390	--	--	--	--	--	--
Diethyl phthalate	<370	<390	63,000,000	2,000,000	1,000,000,000	2,000,000	470,000	470,000
Dimethyl phthalate	<370	<390	--	--	--	--	--	--
Hexachlorobenzene	<370	<390	400	1,000	78,000	2,600	2,000	11,000
Hexachlorobutadiene	<370	<390	--	--	--	--	--	--
Hexachlorocyclopentadiene	<370	<390	550,000	10,000	14,000,000	1,100	400,000	2,200,000
Hexachloroethane	<370	<390	78,000	--	2,000,000	--	500	2,600
Isophorone	<370	<390	15,600,000	4,600,000	410,000,000	4,600,000	8,000	8,000
N-Nitroso-di-n-propylamine	<370	<390	90	--	18,000	--	0.05	0.05
N-Nitrosodimethalamine	<370	<390	--	--	--	--	--	--
N-Nitrosodiphenylamine	<370	<390	130,000	--	25,000,000	--	1,000	5,600
Nitrobenzene	<370	<390	39,000	92,000	1,000,000	9,400	100	100
Pentachlorophenol	<1,800	<1,900	3,000	--	520,000	--	20[a]	100[a]
Phenol	<370	<390	47,000,000	--	120,000,000	--	100,000	100,000
Pyridine	<370	<390	--	--	--	--	--	--

NOTES:
Results listed in µg/kg (ppb).
Samples analyzed using test method SW8270C.
Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B, C & D.
[a]SROs based on pH = 8.4
Bolded cell indicates concentration exceeds the most stringent Tier 1 SRO.
"<" indicates not detected at stated detection limits.
"--" indicates toxicity data not available in TACO.

Table 3

Soil Analytical Results

RCRA Metals
Pritzker Park
Chicago, Illinois

ANALYTE	SB-1 (0'-3')	SB-1 (3'-6')	SB-2 (0'-3')	SB-2 (6'-9')	SB-3 (0'-3')	SB-3 (9'-12')	SB-4 (0'-3')	SB-4 (9'-12')	SB-5 (0'-3')	SB-5 (3'-6')	Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use					
											Residential		Construction Worker		pH = 7.75 to 8.24	
											Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
pH	7.9	7.9	8.1	8.4	8.0	8.1	8.1	8.3	7.9	7.8						
Aluminum			4,900,000	13,000,000							--	--	--	--	--	--
Antimony			<2,100	2,700							31,000	--	82,000	--	5,000	20,000
Arsenic	**29,000**	9,600	**29,000**	13,000	**21,000**	3,900	**30,000**	3,000	**26,000**	13,000	13,000	1,200,000	61,000	25,000,000	31,000	120,000
Barium	64,000	93,000	64,000	150,000	65,000	28,000	59,000	17,000	55,000	150,000	5,500,000	690,000,000	14,000,000	870,000,000	2,100,000	2,100,000
Beryllium			570	780							160,000	1,300,000	410,000	44,000,000	8,000,000	1,000,000
Cadmium	<550	610	<530	580	<560	<610	<550	<540	<570	<590	78,000	1,800,000	200,000	59,000,000	430,000	4,300,000
Calcium			140,000,000	74,000,000							--	--	--	--	--	--
Chromium (total)	12,000	17,000	12,000	21,000	11,000	10,000	12,000	6,900	11,000	21,000	230,000	270,000	4,100,000	8,800,000	28,000	--
Cobalt			13,000	8,500							4,700,000	--	12,000,000	--	--	--
Copper			43,000	26,000							2,900,000	--	8,200,000	--	330,000,000	330,000,000
Iron			44,000,000	24,000,000							--	--	--	--	--	--
Lead	31,000	120,000	32,000	67,000	30,000	9,100	33,000	13,000	28,000	57,000	400,000	--	400,000	--	--	--
Magnesium			78,000,000	34,000,000							--	--	--	--	--	--
Manganese			760,000	550,000							3,700,000	6,900,000	9,600,000	8,700,000	--	--
Mercury	<28	270	<27	540	<29	<29	<29	<28	<26	59	23,000	10,000	61,000	52,000,000	8,000	40,000
Nickel			29,000	20,000							1,600,000	13,000,000	4,100,000	440,000,000	3,800,000	76,000,000
Potassium			1,100,000	2,300,000							--	--	--	--	--	--
Selenium	<1,100	<1,100	<1,100	<1,100	<1,100	<1,200	<1,100	<1,100	<1,100	<1,200	390,000	--	1,000,000	--	2,400	2,400
Silver	<1,100	<1,100	<1,100	<1,100	<1,100	<1,200	<1,100	<1,100	<1,100	<1,200	390,000	--	1,000,000	--	110,000	--
Sodium			230,000	510,000							--	--	--	--	--	--
Thallium			1,100	<1,100							6,300	--	160,000	--	3,800	38,000
Vanadium			21,000	27,000							550,000	--	1,400,000	--	980,000	--
Zinc			79,000	93,000							23,000,000	--	61,000,000	--	53,000,000	110,000,000

Notes:

Results listed in µg/kg (ppb)

Samples analyzed using test method SW6020 and SW7471A (Mercury).

Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B, C, D.

Bolded cell indicates value exceeds the most stringent Tier 1 SRO.

Blank cell indicates Not Analyzed for this parameter.

"<" indicates not detected at stated detection limits.

"--" indicates toxicity data not available in TACO.

"na" indicates not analyzed for this parameter.

Table 3
Soil Analytical Results
RCRA Metals
Pritzker Park
Chicago, Illinois

ANALYTE	SB-6 (0'-3')	SB-6 (6'-9')	SB-7 (0'-3')	SB-7 (3'-6')	SB-8 (0'-3')	SB-8 (3'-6')	SB-9 (0'-3')	SB-9 (9'-11')	SB-10 (0'-3')	SB-10 (6'-9')	Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use: Residential Ingestion	Residential Inhalation	Construction Worker Ingestion	Construction Worker Inhalation	pH = 7.75 to 8.24 Class I	pH = 7.75 to 8.24 Class II
pH	8.0	8.1	8.2	8.0	8.0	8.1	8.1	8.2	8.2	8.6						
Aluminum											--	--	--	--	--	--
Antimony											31,000	--	82,000	--	5,000	20,000
Arsenic	**25,000**	9,900	**34,000**	7,800	**27,000**	17,000	**27,000**	6,600	**22,000**	8,100	13,000	1,200,000	61,000	25,000,000	31,000	120,000
Barium	54,000	150,000	68,000	140,000	56,000	89,000	82,000	18,000	100,000	57,000	5,500,000	690,000,000	14,000,000	870,000,000	2,100,000	2,100,000
Beryllium											160,000	1,300,000	410,000	44,000,000	8,000,000	1,000,000
Cadmium	<540	730	<550	<560	<560	<570	<570	<560	<560	<550	78,000	1,800,000	200,000	59,000,000	430,000	4,300,000
Calcium											--	--	--	--	--	--
Chromium (total)	11,000	18,000	12,000	20,000	12,000	18,000	13,000	7,300	16,000	21,000	230,000	270,000	4,100,000	8,800,000	28,000	--
Cobalt											4,700,000	--	12,000,000	--	--	--
Copper											2,900,000	--	8,200,000	--	330,000,000	330,000,000
Iron											--	--	--	--	--	--
Lead	28,000	210,000	37,000	79,000	30,000	71,000	32,000	8,200	69,000	29,000	400,000	--	400,000	--	--	--
Magnesium											--	--	--	--	--	--
Manganese											3,700,000	6,900,000	9,600,000	8,700,000	--	--
Mercury	<26	110	<29	260	<28	<30	<29	<29	40	31	23,000	10,000	61,000	52,000,000	8,000	40,000
Nickel											1,600,000	13,000,000	4,100,000	440,000,000	3,800,000	76,000,000
Potassium											--	--	--	--	--	--
Selenium	<1,100	<1,100	<1,100	1,200	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	390,000	--	1,000,000	--	2,400	2,400
Silver	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	390,000	--	1,000,000	--	110,000	--
Sodium											--	--	--	--	--	--
Thallium											6,300	--	160,000	--	3,800	38,000
Vanadium											550,000	--	1,400,000	--	980,000	--
Zinc											23,000,000	--	61,000,000	--	53,000,000	110,000,000

Notes:
Results listed in µg/kg (ppb)
Samples analyzed using test method SW6020 and SW7471A (Mercury).
Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables B, C, D.
Bolded cell indicates value exceeds the most stringent Tier 1 SRO.
Blank cell indicates Not Analyzed for this parameter.
"<" indicates not detected at stated detection limits.
"--" indicates toxicity data not available in TACO.
"na" indicates not analyzed for this parameter.

TABLE 4

Soil Sample Analytical Results
PCBs
Pritzker Park

			Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use					
			Residential		Construction Worker		Mig. To Groundwater	
ANALYTE	SB-2 (0-3')	SB-2 6'-9')	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
PCB 1016	<90	<95	1,000	--	1,000	--	--	--
PCB 1221	<90	<95	1,000	--	1,000	--	--	--
PCB 1232	<90	<95	1,000	--	1,000	--	--	--
PCB 1242	<90	<95	1,000	--	1,000	--	--	--
PCB 1248	<90	<95	1,000	--	1,000	--	--	--
PCB 1254	<90	<95	1,000	--	1,000	--	--	--
PCB 1260	<90	<95	1,000	--	1,000	--	--	--

Notes:

Results listed in ug/kg (ppb)

Samples analyzed using test method 3550/8082.

Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B.

Bolded cell indicates value exceeds the most stringent Tier 1 SRO.

"<" indicates not detected at stated detection limits.

"--" indicates toxicity data not available in TACO.

Table 5
Soil Analytical Results
Pesticides
Pritzker Park
Chicago, Illinois

ANALYTE	SB-2 (0'-3')	SB-2 (6'-9')	Tier 1 Soil Remediation Objectives (Tier 1 SROs) Residential Property Use					
			Residential		Construction Worker		Mig. To Groundwater	
			Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II
4,4'-DDD	<4	13	3,000	--	520,000	--	16,000	80,000
4,4'-DDE	<4	6	2,000	--	370,000	--	54,000	270,000
4,4'-DDT	<4	6	2,000	--	100,000	2,100,000	32,000	160,000
Aldrin	<2	<2	40	3,000	6,100	9,300	500	2,500
alpha-BHC	<2	<2	100	800	20,000	2,100	1	3
alpha-Chlordane	<2	<2	--	--	--	--	--	--
beta-BHC	<2	<2	--	--	--	--	--	--
Chlordane	<90	<95	1,800	72,000	100,000	22,000	10,000	48,000
delta-BHC	<2	<2	--	--	--	--	--	--
Dieldrin	<4	<4	40	1,000	7,800	3,100	4	20
Endosulfan I	<2	<2	470,000	--	1,200,000	--	18,000	90,000
Endosulfan II	<4	<4	470,000	--	1,200,000	--	18,000	90,000
Endosulfan sulfate	<4	<4	--	--	--	--	--	--
Endrin	<4	<4	23,000	--	61,000	--	1,000	5,000
Endrin aldehyde	<4	<4	--	--	--	--	--	--
Endrin ketone	<4	<4	--	--	--	--	--	--
gamma-BHC	<2	<2	500	--	96,000	--	9	47
Gamma-Chlordane	<2	<2	--	--	--	--	--	--
Heptachlor	<2	<2	100	100	28,000	16,000	23,000	110,000
Heptachlor epoxide	<2	<2	70	5,000	2,700	13,000	700	3,300
Methoxychlor	<2	<2	--	--	--	--	--	--
Toxaphene	<110	<120	600	89,000	110,000	240,000	31,000	150,000

Notes:

Results listed in ug/kg (ppb)

Samples analyzed using test method SW8081.

Tier 1 SROs from 35 IAC 742 (TACO), Appendix B, Tables A, B.

Bolded cell indicates value exceeds the most stringent Tier 1 SRO.

"<" indicates not detected at stated detection limits.

"--" indicates toxicity data not available in TACO.

Table 6

Groundwater Analytical Results - VOCs
Pritzker Park
Chicago, Illinois

				Tier 1 GROs	
ANALYTE	**TMW-3**	**TMW-4**	**TMW-5**	**Class I**	**Class II**
Sample Date	3/3/2005	3/3/2005	3/3/2005		
Acetone		<12		700	700
Benzene	<5	<5	<5	5.0	25
Bromodichloromethane		<5		0.2	0.2
Bromoform		<5		1	1
Bromomethane		<10		9.8	49
2-Butanone (MEK)		<10		--	--
Carbon disulfide		<5		700	3,500
Carbon tetrachloride		<5		5	25
Chlorobenzene		<5		100	500
Chlorodibromomethane		<5		140	140
Chloroethane		<10		--	--
Chloroform		<5		0.2	1
Chloromethane		<5		--	--
1,1-Dichloroethane		<5		700	3,500
1,2-Dichloroethane		<5		5	25
1,1-Dichloroethene		<5		7	35
cis-1,2-Dichloroethene		<5		70	200
trans-1,2-Dichloroethene		<5		100	500
1,2-Dichloropropane		<5		5	25
1,3-Dichloropropene (total)		<5		1	5
Ethylbenzene	<5	<5	<5	700	1,000
2-Hexanone		<10		--	--
4-Methyl-2-pentanone (MIBK)		<10		--	--
Methylene chloride		<5		5	50
Styrene		<5		100	500
1,1,2,2-Tetrachloroethane		<5		--	--
Tetrachloroethene		<5		5	25
Toluene	<5	<5	<5	1,000	2,500
1,1,1-Trichloroethane		<5		200	1,000
1,1,2-Trichloroethane		<5		5	50
Trichloroethene		<5		5	25
Vinyl chloride		<5		2	10
Total Xylenes	<10	<10	<10	10,000	10,000

NOTES:
Results listed in µg/L (ppb).
Samples analyzed using test method SW8260B.
Tier 1 GROs from 35 IAC 742 (TACO), Appendix B, Table E.
'<' indicates analyte not present above laboratory detection limit.
'--' indicates GROs not published in TACO.
Blank cell indicates Not Analyzed for this parameter.
Bolded cell indicates concentration exceeds the most stringent Tier 1 GRO.

Table 7

Groundwater Analytical Results - PNAs

Pritzker Park

Chicago, Illinois

								Tier 1 GROs	
ANALYTE	**MW-1**	**MW-2**	**TMW-3**	**MW-3**	**TMW-4**	**MW-4**	**MW-5**	**Class I**	**Class II**
Date	7/21/2005	7/21/2005	3/3/2005	7/21/2005	3/3/2005	7/21/2005	7/21/2005		
Naphthalene	<0.1	<0.1	0.68	<0.1	0.14	<0.1	<0.1	140	220
Acenaphthene	<0.2	<0.2	0.73	<0.2	<0.2	<0.2	<0.2	420	2,100
Anthracene	<0.2	<0.2	0.29	<0.2	<0.2	<0.2	<0.2	2,100	10,500
Fluoranthene	<0.2	<0.2	0.82	<0.2	<0.2	<0.2	<0.2	280	1,400
Fluorene	<0.2	<0.2	0.45	<0.2	<0.2	<0.2	<0.2	280	1,400
Pyrene	<0.2	<0.2	0.65	<0.2	<0.2	<0.2	<0.2	210	1,050
Benzo(a)anthracene	<0.13	<0.13	**0.27**	<0.13	<0.13	<0.13	<0.13	0.13	0.65
Benzo(a)pyrene	<0.2	<0.2	**0.21**	<0.2	<0.2	<0.2	<0.2	0.20	2.00
Benzo(b)fluoranthene	<0.18	<0.18	**0.25**	<0.18	<0.18	<0.18	<0.18	0.18	0.90
Benzo(k)fluoranthene	<0.17	<0.17	0.17	<0.17	<0.17	<0.17	<0.17	0.17	0.85
Chrysene	<0.1	<0.1	0.29	<0.1	<0.1	<0.1	<0.1	1.50	7.50
Dibenzo(a,h)anthracene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.30	1.50
Indeno(1,2,3-cd)pyrene	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.43	2.15
Acenaphthylene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	--	--
Benzo(g,h,i)perylene	<0.1	<0.1	0.10	<0.1	<0.1	<0.1	<0.1	--	--
Phenanthrene	<0.2	<0.2	1.30	<0.2	<0.2	<0.2	<0.2	--	--

NOTES:

Results listed in µg/L (ppb).

Samples analyzed using test method SW8270C-SIM.

Tier 1 GROs from 35 IAC 742 (TACO), Appendix B, Table E.

'<' indicates analyte not present above laboratory detection limit.

'--' indicates GROs not published in TACO.

Bolded cell indicates concentration exceeds the most stringent Tier 1 GRO.

Table 8
Groundwater Analytical Results-SVOCs
Pritzker Park
Chicago, Illinois

		Tier 1 GROs	
ANALYTE	TMW-4	Class I	Class II
Sample Date	3/3/2005		
1,2,4-Trichlorobenzene	<5	70	700
1,2-Dichlorobenzene	<5	600	1,500
1,3-Dichlorobenzene	<5	--	--
1,4-Dichlorobenzene	<5	75	375
1-Chloropropane	<5	--	--
2,4,5-Trichlorophenol	<5	700	3,500
2,4,6-Trichlorophenol	<5	10	50
2,4-Dichlorophenol	<5	21	21
2,4-Dimethylphenol	<5	140	140
2,4-Dinitrophenol	<12	14	14
2,4-Dinitrotoluene	<5	0.02	0.02
2,6-Dinitrotoluene	<5	0.31	0.31
2-Chloronaphthalene	<5	--	--
2-Chlorophenol	<5	35	175
2-Methylnaphthalene	<5	--	--
2-Methylphenol	<5	350	350
2-Nitroaniline	<12	--	--
2-Nitrophenol	<5	--	--
3,3'-Dichlorobenzidine	<10	20	100
3-Nitroaniline	<12	--	--
4,6-Dinitro-2-methylphenol	<12	--	--
4-Bromophenyl phenyl ether	<5	--	--
4-Chloro-3-methylphenol	<5	--	--
4-Chloroaniline	<5	28	28
4-Chlorophenyl phenyl ether	<5	--	--
4-Nitroaniline	<12	--	--
4-Nitrophenol	<12	--	--
Aniline	<12	--	--
Benzidine	<12	--	--
Benzoic Acid	<12	28,000	28,000
Bis(2-chloroethoxy)methane	<5	--	--
Bis(2-chloroethyl)ether	<5	10	10
Bis(2-ethylhexyl)phthalate	<5	6	60
Butyl benzyl phthalate	<5	1,400	7,000
Carbazole	<12	--	--
Di-n-butyl phthalate	<5	700	3,500
Di-n-octyl phthalate	<5	140	700
Dibenzofuran	<5	--	--
Diethyl phthalate	<5	5,600	5,600
Dimethyl phthalate	<5	--	--
Hexachlorobenzene	<5	0.06	0.3
Hexachlorobutadiene	<5	--	--
Hexachlorocyclopentadiene	<5	50	500
Hexachloroethane	<5	7	35
Isophorone	<5	1,400	1,400
N-Nitroso-di-n-propylamine	<5	1.8	1.8
N-Nitrosodimethalamine	<5	--	--
N-Nitrosodiphenylamine	<5	3	16
Nitrobenzene	<5	3.5	3.5
Pentachlorophenol	<5	1	5
Phenol	<5	100	100
Pyridine	<12	--	--

NOTES:
Results listed in µg/L (ppb).
Samples analyzed using test method SW8270C.
Tier 1 GROs from 35 IAC 742 (TACO), Appendix B, Table E.
'<' indicates analyte not present above laboratory detection limit.
'--' indicates GROs not published in TACO.
Blank cell indicates Not Analyzed for this parameter.
Bolded cell indicates concentration exceeds the most stringent Tier 1 GRO.

Table 9

Groundwater Analytical Results - Metals
Pritzker Park
Chicago, Illinois

ANALYTE	MW-1	MW-2	TMW-3	MW-3	TMW-4	MW-4	MW-5	Tier 1 GROs Class I	Tier 1 GROs Class II
Sample Date	7/20/2005	7/20/2005	3/3/2005	7/20/2005	3/3/2005	7/20/2005	7/20/2005		
Aluminum					2,500			--	--
Antimony					<6			6	24
Arsenic			46		12			50	200
Barium			1,600		83			2,000	2,000
Beryllium					<2			4	500
Cadmium			2.7		<2			5	50
Calcium					220,000			--	--
Chromium (total)	9.5	12	**110**	11	13	11	13	100	1,000
Cobalt					<4			1,000	1,000
Copper					79			650	650
Cyanide					<5			200	600
Iron	**10,000**	3,800		**8,100**	**5,700**	**6,800**	**8,800**	5,000	5,000
Lead	4.3	**9**	**1,000**	4.9	**390**	**32**	3.6	7.5	100
Magnesium					170,000			--	--
Manganese	**400**	**260**		**330**	**220**	**1,100**	**1,000**	150	10,000
Mercury	<0.25	<0.25	1	<0.25	**4**	<0.25	<0.25	2	10
Nickel					11			100	2,000
Potassium					44,000			--	--
Selenium			4.5		<4			50	50
Silver			<4		29			50	--
Sodium					46,000			--	--
Thallium					<4			2	20
Vanadium					<1			49	100
Zinc					270			5,000	10,000

All values in µg/L (ppb).
Analyses via method SW6020 (SW7470A-Mercury; SW9012A-Cyanide).
Tier 1 GROs from 35 IAC 742 (TACO), Appendix B, Table E.
'<' indicates analyte not present above laboratory detection limit.
'--' indicates GROs not published in TACO.
Bolded cells indicate concentration exceeds Tier 1 SRO.
Blank cells indicate sample not analyzed for this parameter.

Table 10

Groundwater Analytical Results - PCBs/Pesticides

Pritzker Park
Chicago, Illinois

		Tier 1 GROs	
ANALYTE	TMW-4	Class I	Class II
Sample Date	3/3/2005		
PCB 1016	<0.5	0.5	2.5
PCB 1221	<0.5	0.5	2.5
PCB 1232	<0.5	0.5	2.5
PCB 1242	<0.5	0.5	2.5
PCB 1248	<0.5	0.5	2.5
PCB 1254	<0.5	0.5	2.5
PCB 1260	<0.5	0.5	2.5
4,4'-DDD	<0.1	14	70
4,4'-DDE	<0.1	10	50
4,4'-DDT	<0.1	6	30
Aldrin	<0.05	14	70
alpha-BHC	<0.05	0.11	0.55
alpha-Chlordane	0.05	--	--
beta-BHC	<0.05	--	--
Chlordane	<0.5	2	10
delta-BHC	<0.05	--	--
Dieldrin	<0.1	9	45
Endosulfan I	<0.05	42	210
Endosulfan II	<0.1	42	210
Endosulfan sulfate	<0.1	--	--
Endrin	<0.1	2	10
Endrin aldehyde	<0.1	--	--
Endrin ketone	<0.1	--	--
gamma-BHC	<0.05	0.2	1
Gamma-Chlordane	<0.05	--	--
Heptachlor	<0.05	0.4	2
Heptachlor epoxide	<0.05	0.2	1
Methoxychlor	<0.05	40	200
Toxaphene	<1	3	15

All values in µg/L (ppb).
Tier 1 GROs from 742.Appendix B; Table E.
Pesticides analyzed via Method SW8081.
PCBs analyzed via Method SW8082.
'<' indicates analyte not present above laboratory detection limit.
'--' indicates GROs not published in TACO.
Bolded cells indicate concentration exceeds Tier 1 SRO.
Blank cells indicate sample not analyzed for this parameter.

APPENDIX A

IEPA-Prescribed Forms

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. _____

- ☐ $500 Advance Partial Payment Included
- ☐ DRM-2 SRP Form Included
- ☐ DRM-3 Request for Assessment Included
- ☐ DRM-4 Tax Credit Budget Plan Included

Site Remediation Program Application and Services Agreement (DRM- 1) Form

I. Site Identification:

Site Name: **Pritzker Park**
Street Address: **12-22 West Van Buren Street & 310-356 South State Street**
City: **Chicago** ZIP Code: **60604**
County: **Cook** Approximate Size of Site (Acres): **0.9**
Illinois Inventory I. D. Number: **na** U.S. EPA I.D. Number : **na**
Site Base Map Attached ☐ Illinois EPA Permit(s): _____
LUST/IEMA Incident Number(s), if applicable: **na**

II. Remediation Applicant ("RA"):

RA's Name: **Kimberly Worthington, as agent for** Title: **Deputy Commissioner**
Company: **City of Chicago**
Street Address: **30 N. LaSalle; Suite 2500**
City: **Chicago** State: **IL** ZIP Code: **60602**
Phone: **312-744-3639** FEIN or SSN: **36-600-582-0**

I hereby certify that I am authorized to sign this application and services agreement. I certify that the proposed project meets the eligibility criteria set forth in Section 58.1(a)(2) of the Environmental Protection Act (415 ILCS 5/58.1(a)(2)) and regulations promulgated thereunder and that this submittal and all attachments were prepared at my direction. In consideration for the Illinois EPA's agreement to provide (subject to applicable law, available resources, and receipt of the advance partial payment) review and evaluation services for activities carried out pursuant to Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58-58.12), I agree to:

(1) Conform with the procedures of Title 17 of the Illinois Environmental Protection Act (415 ILCS 5/58 - 58.12) and implementing regulations;
(2) Allow for or otherwise arrange site visits or other site evaluations by the Illinois EPA when requested;
(3) Pay any reasonable costs incurred and documented by the Illinois EPA in providing such services*; and
(4) Make an advance partial payment to the Illinois EPA for such anticipated services provided in Section V of this application.

As the Remediation Applicant, I understand that I may terminate this services agreement at any time, by notifying the Illinois EPA in writing that services previously requested under the services agreement are no longer wanted. Within 180 days after receipt of the notice, the Illinois EPA shall provide me with a final invoice for services provided until the date of receipt of such notification.

To the best of my knowledge and belief, this request and all attachments are true, accurate and complete. I hereby certify that I have the authority to enter into this agreement.

RA's Signature: Kimberly Worthington Date: 10/7/05

***In addition to the fees applicable under this Services Agreement, the recipient of a No Further Remediation Letter must pay to the Illinois EPA a No Further Remediation Assessment in the amount of the lesser of $2500 or an amount equal to the costs incurred by the Illinois EPA under this Agreement (35 IAC 740.615).**

III. Project Objectives:

A. Release Letter Requested.

Please complete one of the subsections by checking applicable boxes and including other information (if necessary, additional information may be attached to this application form):

☑ Comprehensive No Further Remediation ("NFR") Letter

☐ Focused NFR Letter

Identify the focused contaminants of concern by checking the applicable box(es):

☐ Volatiles ☐ BTEX ☐ PCBs ☐ Metals

☐ Semivolatiles ☐ PNAs ☐ Pesticides

Other (identify): _____

☐ 4(y) Letter

Identify the focused contaminants of concern by checking the applicable box(es):

☐ Volatiles ☐ BTEX ☐ PCBs ☐ Metals

☐ Semivolatiles ☐ PNAs ☐ Pesticides

Other (identify): _____

Identify the media of concern by checking applicable boxes:

☐ Soil ☐ Sediments Other: _____

Identify the actions (e.g., drum removal, spill response, etc.):

B. Identify any support services being sought from the Illinois EPA in addition to the review and evaluation services (if necessary, additional information may be attached to this application form):

☐ No additional support services are being sought

☐ Assistance with community relations

☐ Environmental Remediation Tax Credit Budget Review (Attach DRM-4 application)

☐ Sample collection and analyses

☐ Other (identify): _____

C. Anticipated Schedule

SRP Document	Projected Date of Receipt by Illinois EPA
Site Investigation Report	**October 2005**
Remediation Objectives Report	**November 2005**
Remedial Action Plan	**November 2005**
Remedial Action Completion report	

D. Identify the current and post-remediation uses of the remediation site (if necessary, additional information may be attached to this application form):

Current Use:

Public Park

Post-Remediation Use:

Public Park

IV. Written Permission from the Property Owner (check one of the applicable boxes and provide additional information):

☑ RA is the property owner of the remediation site identified in Section I of this application.

☐ RA is **not** the property owner of the remediation site identified in Section I of this application.

Property Owner's Name: _____

Title: _____

Company: _____

Street Address: _____

City: _____ State: _____ ZIP Code: _____ Phone: _____

I hereby certify that the Remediation Applicant has my permission to enroll the site identified in Section I of this application into the Illinois EPA Site Remediation Program. I certify that the Remediation Applicant and designated representatives have permission to enter upon the indicated premises for the purpose of conducting remedial investigations or activities.

Owner's Signature: _____ Date: _____

For multiple property owners, attach additional sheets containing all the information above along with a signed, dated certification for each.

V. Advance Partial Payment:

The Remediation Applicant shall select one of the following advance partial payment plans:

☑ Plan 1: A $500 advance partial payment is included with this application. Please make the check payable to: "Illinois Environmental Protection Agency". Please include "For Deposit in the Hazardous Waste Fund" and the Remediation Applicant's FEIN or SSN on the check; or

☐ Plan 2: Request that the Illinois EPA determine the appropriate partial payment (i.e., approximately one-half of the total anticipated costs of the Illinois EPA, not to exceed $5,000). A completed DRM-3 form ("Request for Assessment of Advance Partial Payment for Anticipated Services") must accompany this application so that the Illinois EPA may determine the appropriate advance partial payment specific to the services requested.

NOTE: Illinois EPA cannot refund payments without a legislative appropriation. Payment under Plan 1 accelerates the review process but increases the risk of forfeiting the payment if the applicant is ineligible. Payment under Plan 2 may result in a larger advance partial payment when a final determination is made on the application, but it reduces the risk of forfeiture.

Λ If this application contains plans and reports for review and evaluation by the Illinois EPA, a completed Form DRM-2 must also accompany this submittal.

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 & 310-356 South State Street

City: Chicago Illinois Inventory I. D. Number: na

IEMA Incident Number: na

II. Remediation Applicant:

Applicant's Name: Kimberly Worthington, as agent for Company: City of Chicago

Street Address: 30 N. LaSalle; Suite 2500

City: Chicago State: IL ZIP Code: 60602 Phone: 312-744-9139

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: 10/7/05

III. Contact Person:

Contact's Name: Thomas A. Brecheisen Company: Kowalenko & Bilotti, Inc.

Street Address: 118 N. Peoria; Suite 5-N

City: Chicago State: IL ZIP Code: 60607 Phone: 312-853-0500 ext. 26

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

RELPEG's Name: _____ Company: _____

Street Address: _____

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: Comprehensive Site Investigation Report Date of Preparation of Plan or Report: September 2005

Prepared by: Kowalenko & Bilotti, Inc. Prepared for: City of Chicago

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
- Environmental Remediation Tax Credit - Budget Plan Review
- 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
- Environmental Remediation Tax Credit - Budget Plan Review
- 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: Thomas A. Brecheisen

Company: K&B, Inc. Phone: 312-853-0500

Registration Number: 062-055672

Signature: Thomas A. Brecheisen License Expiration Date: 11/30/2005

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

LICENSED PROFESSIONAL ENGINEER
THOMAS A. BRECHEISEN
062-055672
STATE OF ILLINOIS

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.

APPENDIX B

Legal Description
Parcel Index Numbers

LEGAL DESCRIPTION

THE SOUTH HALF OF LOT 10 IN G.W. SHOWS SUBDIVISION OF BLOCK 139 IN SCHOOL SECTION ADDITION TO CHICAGO IN SECTION 16, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

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, IN SECTION 16 TOWNSHIP 39 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS

LOTS 9 TO 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 IN SECTION 16, TOWNSHIP 39 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN.

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, AFORESAID.

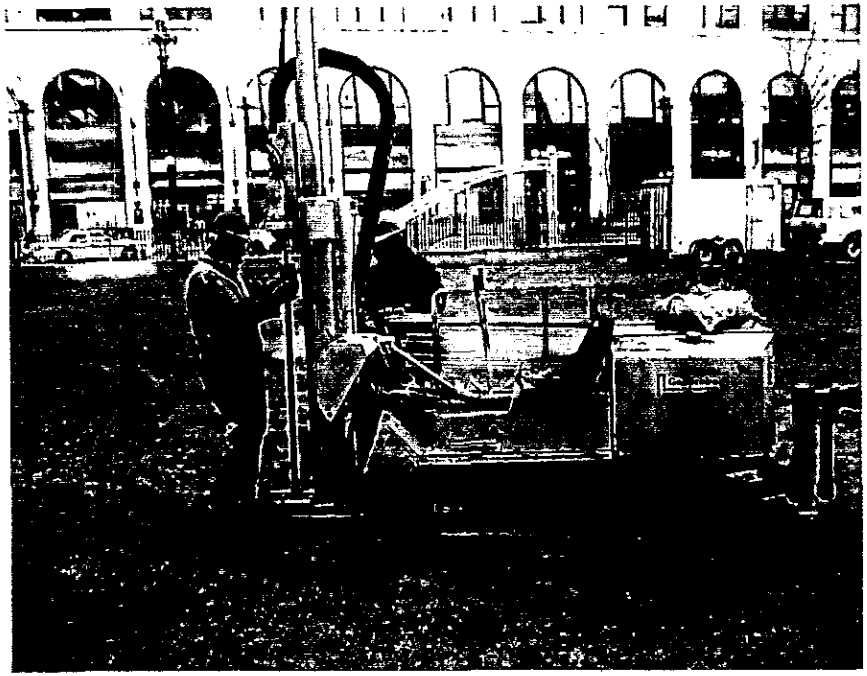
CONTAINNGA TOTAL OF 39,253.6 SQ. FT.

PARCEL INDEX NUMBERS

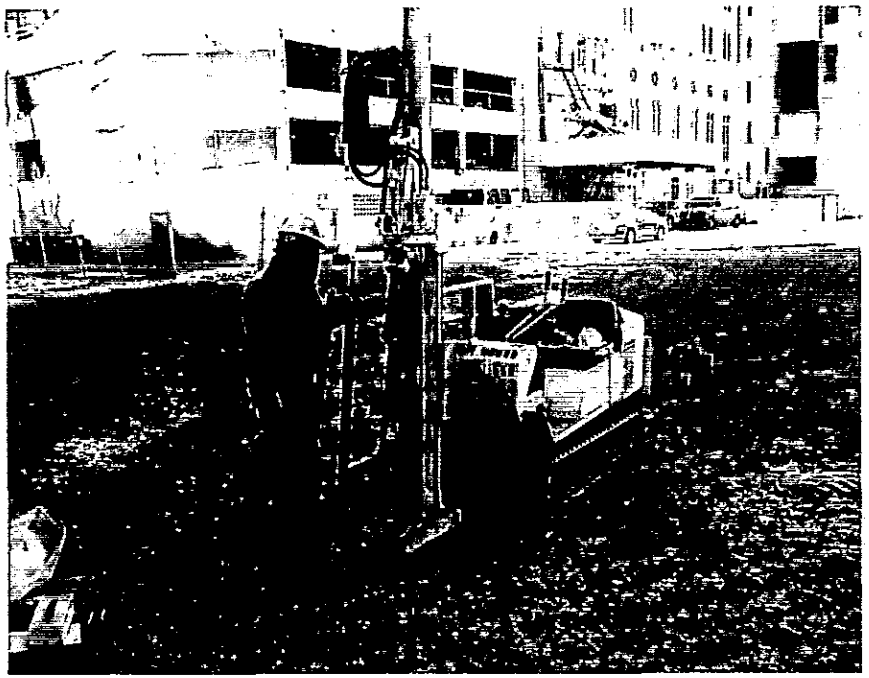
310-356 South State Street:	17-16-235-028
	17-16-235-015
	17-16-235-016
	17-16-235-017
	17-16-235-018
	17-16-235-023
	17-16-235-024
12-22 West Van Buren Street:	17-16-235-022
	17-16-235-008
	17-16-235-007

APPENDIX C

Site Investigation Photographs



Soil boring advancement (3-3-05).



Soil boring advancement (3-3-05).

Soil boring advancement (3-3-05).

Groundwater sampling from temporary 1-inch diameter PVC monitoring well (3-3-05).

APPENDIX D

Soil Boring Logs

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL: NA

BORING #: B-1

SHEET 1 OF 1

DRILLING TIMES: START 7:15 FINISH 7:25

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM | ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown silty clay with trace gravel; Firm, moist	100	0.2	0	3	Sample from 0-3 submitted for laboratory analysis
4		Fill, bricks, concrete, stone with some gray silty clay and gravel; firm, loose, moist	50	0.3	3	6	No visual or olfactory evidence of contamination Sample submitted from 3-6 for laboratory analysis
6							
8		Brown silty clay with bricks, stone, concrete sand and gravel; Firm, loose, moist	40	0.2	6	9	
10		Stones, concrete, bricks, loose Refusal @ 11'	33	NM	9	11	Not suitable for sampling
12		End of Boring at 11'					
14							
16							
18							

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~12'

BORING #: B-2

SHEET 1 OF 1

DRILLING TIMES

START 7:45 FINISH 8:15

DRILLING DATES

START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt with some silty clay; Loose, moist	100	3.8	0	3	Sample from 0-3 submitted for laboratory analysis
4		Fill, bricks, concrete, stone Dark gray silty clay; Stiff, moist from 4'-6'; Brick fill @ 6'	75	0.2	3	6	No visual or olfactory evidence of contamination
6		Bricks, concrete, stone with some sand and gravel; loose, moist	100	0.9	6	9	Sample submitted from 6-9 for laboratory analysis
8							
10		Bricks underlain by dark gray silty clay @ 10' grading to gray clayey silt @ 11' Loose, moist	100	0.2	9	12	No visual or olfactory evidence of contamination
12							
14		Gray clayey silt Loose, wet	100	0.2	12	16	
16		Blind drilled to 20' to set temporary 1" PVC well screened from 15'-20'					
18							
		End of Boring at 20'					

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~16'

BORING #: B-3

SHEET 1 OF 1

DRILLING TIMES: START 8:20 FINISH 8:45

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM

ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt with some silty clay; Loose, moist	100	0.2	0	3	Sample from 0-3 submitted for laboratory analysis
4		Dark gray silty clay with some gravel Firm, moist	50	0.2	3	6	No visual or olfactory evidence of contamination
6							
8		Gravel and stone with bricks and some gray silty clay; Firm moist	50	**0.2**	6	9	No visual or olfactory evidence of contamination
10		Bricks underlain by gray clayey silt Loose, moist	100	0.3	9	12	Sample submitted from 9-12 for laboratory analysis
12							
14		Gray silty clay with some clayey silt Soft, moist Brown/gray silty clay @ 14' Firm, Moist	100	0.2	12	16	
16							
18		Gray silty clay underlain by gray clayey silt; wet, loose Soft gray silty clay @ 19.5'; Moist					
20		End of boring @ 20'					

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~12-13'

BORING #: B-4

SHEET 1 OF 1

DRILLING TIMES: START 9:15 FINISH 10:00

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt with some silty clay; Loose, moist Brick fill @ 3'	100	0.2	0	3	Sample from 0-3 submitted for laboratory analysis
4		Fill (bricks, stone, clay) with some silty clay, sand and gravel; Loose, moist	100	0.3	3	6	Not suitable for sampling
6		Fill (bricks, stone, clay) with some silty clay, sand and gravel; Loose, moist	100	**0.2**	6	9	Not suitable for sampling
8							
10		Fill underlain by gray clayey silt Loose, moist	100	0.3	9	12	Sample submitted from 9-12 for laboratory analysis
12							
14		Gray clayey silt underlain by gray silty clay; Firm, moist; Wet @ 12'-13'	100	0.2	12	16	
16		Brown/gray silty clay Soft, Moist	100	0.2	16	20	Installed 1" Temporary monitoring well TMW-2 Screened from 15'-20'
18							
20		End of boring @ 20'					

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~12'

BORING #: B-5

SHEET 1 OF 1

DRILLING TIMES: START 10:30 FINISH 11:00

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt Firm; Loose, moist Brick fill @ 3'	100	0.2	0	3	Sample from 0-3 submitted for laboratory analysis
4		Dark gray silty clay with some fill (wood, stone, gravel); Loose, moist	100	0.3	3	6	Sample submitted from 3-6 for laboratory analysis
6		Concrete, stone @ 6' underlain by fill (bricks, concrete, stone) with some gravel; Loose, moist	75	0.2	6	9	No visual or olfactory evidence of contamination
8							
10		Fill underlain by gray clayey silt @ 11' Loose, moist; Wet @ 12'	100	0.3	9	12	
12		Wet, loose gray clayey silt @ 12' grading to moist, soft gray silty clay @ 15'	100	0.1	12	16	Installed 1" Temporary monitoring well TMW-3 Screened from 10'-20'
14							
16			100	0.2	16	20	
18		Blind drilled to 20' to install temporary monitoring well End of boring @ 20'					

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~11.5'

BORING #: B-6

SHEET 1 OF 1

DRILLING TIMES: START 11:20 FINISH 12:00

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt Firm; Loose, moist Brick fill @ 3'	100	0.2	0	3	Sample from 0-3 submitted for laboratory analysis
4		Dark gray silty clay with some gravel and trace brick fill; Firm, moist	100	0.3	3	6	No visual or olfactory evidence of contamination
6							
8		Dark gray silty clay with some gravel and fill (Brick fill @ 8')	75	**0.3**	6	9	Sample submitted from 6-9 for laboratory analysis
10		Fill (bricks, stone, concrete) with some gravel underlain by gray clayey silt @ 11.5'; Soft, Wet @ 11.5'	100	0.2	9	12	No visual or olfactory evidence of contamination
12							
		Refusal @ 13'	0	NM	12	13	
14		End of boring @ 13'					
16							
18							

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~11'

BORING #: B-7

SHEET 1 OF 1

DRILLING TIMES

START 12:30 FINISH 13:00

DRILLING DATES

START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt Flm; Loose, moist Brick fill @ 3'	100	0.3	0	3	Sample from 0-3 submitted for laboratory analysis
4		Dark brown silty clay with trace gravel Fill @ 4' with some gravel and sand, trace dark brown silty clay; Loose, moist	75	1.1	3	6	Sample from 3-6 submitted for laboratory analysis
6							
8		Fill with gravel and sand; Loose, moist	100	NM	6	9	No visual or olfactory evidence of contamination Unsuitable for sampling
10		Continued Fill Wet @ 11'	100	NM	9	12	No visual or olfactory evidence of contamination Unsuitable for sampling
12							
14		Wet fill underlain by gray silty clay Soft, Moist	75	0.1	12	16	No visual or olfactory evidence of contamination
16							
18		End of boring @ 16'					

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~12'

BORING #: B-8

SHEET 1 OF 1

DRILLING TIMES: START 13:05 FINISH 13:40

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt Firm; Loose, moist Brick fill @ 3'	100	0.0	0	3	Sample from 0-3 submitted for laboratory analysis
4		Dark gray silty clay with some sand and gravel and trace fill; Firm, moist	100	0.1	3	6	Sample from 3-6 submitted for laboratory analysis
6		Fill with gravel and sand; Loose, moist	67	NM	6	9	No visual or olfactory evidence of contamination Unsuitable for sampling
8							
10		Continued Fill underlain by gray clayey silt @ 11.5'; Wet, loose	100	NM	9	12	No visual or olfactory evidence of contamination Unsuitable for sampling
12							
14		Gray clayey silt, wet, loose	50	0.0	12	16	No visual or olfactory evidence of contamination
16		Gray silty clay @ 15'; Soft, Moist					
18		Blind drilled to 20' to install temporary 1" PVC Monitoring well					Installed 1" diameter PVC monitoring well TMW-4 screened from 10'-20'
20		End of boring @ 20'					

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL ~11'

BORING #: B-9

SHEET 1 OF 1

DRILLING TIMES

START 13:50 FINISH 14:15

DRILLING DATES

START 3/3/05 FINISH 3/3/05

DATUM ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt Firm; Loose, moist Brick fill @ 3'	100	0.0	0	3	Sample from 0-3 submitted for laboratory analysis
4		Fill with gravel and sand; Loose, moist	33	NM	3	6	No visual or olfactory evidence of contamination Unsuitable for sampling
6		Fill with gravel and sand; Loose, moist	100	NM	6	9	No visual or olfactory evidence of contamination Unsuitable for sampling
8							
10		Continued Fill underlain by gray clayey silt @ 11'; Wet, loose	100	NM	9	12	Sample from 9-11 submitted for laboratory analysis
12							
14		Gray clayey silt, wet, loose Gray silty clay @ 15'; Soft, Moist	33	0.0	12	16	No visual or olfactory evidence of contamination
16		End of boring @ 16'					
18							

KOWALENKO & BILOTTI, INC.
MANAGEMENT ENGINEERING ENVIRONMENT

FIELD LOG - SOIL BORING

SITE NAME AND LOCATION:

Pritzker Park
State & Van Buren
Chicago, Illinois

DRILLING METHOD: Hydraulically Driven Geoprobe

SAMPLING METHOD: Macrocore

WATER LEVEL: NA

BORING #: B-10

SHEET 1 OF 1

DRILLING TIMES: START 14:20 FINISH 14:45

DRILLING DATES: START 3/3/05 FINISH 3/3/05

DATUM | ELEVATION

DEPTH (FEET)	SAMPLE	DESCRIPTION OF MATERIAL	RECOVERY %	PID READING ppm	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2		Topsoil underlain by brown clayey silt Dark brown silty clay @ 2' with trace gravel & Fill; Firm, moist	100	0.1	0	3	Sample from 0-3 submitted for laboratory analysis
4		Dark brown silty clay with trace sand and gravel underlain by loose fill @ 5' Firm, moist	100	0.3	3	6	No visual or olfactory evidence of contamination
6		Gray silty clay with trace gravel underlain by fill @ 8'; soft to firm, moist	100	**0.2**	6	9	Sample from 6-9 submitted for laboratory analysis
8							
10		Loose Fill underlain by gray clayey silt @ 10'; Loose, moist	100	0.1	9	12	No visual or olfactory evidence of contamination
12							
14		Undisturbed sample from 12'-16' submitted for K analysis	100	NM	12	16	Submitted for Hydraulic Conductivity Analysis
16							
18		Blind drilled to 20' to install temporary monitoring well					Installed 1" diameter PVC monitoring well TMW-5 screened from 10'-20'
		End of boring @ 20'					

APPENDIX E

Soil Analytical Results

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): _____ IEPA LPC# (10-digit): _____

Site Name: Pritzker Park

Site Address (Not a P.O. Box): 310-356 S. State Street & 12-22 W. Van Buren Street (State & Van Buren)

City: Chicago County: Cook ZIP Code: 60604

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples. TB (initial)
2. Chain-of-custody procedures were followed in the field. TB (initial)
3. Sample integrity was maintained by proper preservation. TB (initial)
4. All samples were properly labeled. TB (initial)

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms (initial)
2. Sample integrity was maintained by proper preservation. (initial)
3. All samples were properly labeled. (initial)
4. Quality assurance/quality control procedures were

established and carried out. (initial)

5. Sample holding times were not exceeded. (initial)

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. (initial)

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). (initial)

D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sample Collector

Name: Thomas Brecheisen
Title: Project Engineer
Company: Kowalenko & Bilotti, Inc.
Address: 118 N. Peoria, Suite 5N
City, State, ZIP: Chicago, IL 60607
Phone: (312) 853-0500
Signature: Thomas A. Brecheisen
Date: 8-5-05

Laboratory Representative

Name: Craig Chawla
Title: Project Manger
Company: STAT Analysis Corp.
Address: 2255 W. Harrison
City, State, ZIP: Chicago, Il 60612
Phone: (312) 733-0551
Signature:
Date: 5/6/2005

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

June 17, 2005

Kowalenko & Bilotti, Inc.
118 N. Peoria
Suite 5N
Chicago, IL 60607
Telephone: (312) 853-0500
Fax: (312) 853-0311

RE: 05-ENV-001, Pritzker Park, State & Van Buren STAT Project No: 0506217

Dear Tom Brecheisen:

STAT Analysis received 2 samples for the referenced project on 3/3/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

STAT Analysis Corporation

Date: June 17, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab Order: 0506217

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0506217-001A	B-3 (0-3)		3/3/2005 8:25:00 AM	3/3/2005
0506217-002A	B-3 (9-12)		3/3/2005 8:45:00 AM	3/3/2005

CLIENT:	Kowalenko & Bilotti, Inc.
Project:	05-ENV-001, Pritzker Park, State & Van Buren
Lab Order:	0506217

CASE NARRATIVE

Sample B-3 (0-3) (0506217-001) was formerly assigned STAT Sample ID 0503080-005B.
Sample B-3 (9-12) (0506217-002) was formerly assigned STAT Sample ID 0503080-006B.

STAT Analysis Corporation
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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: June 17, 2005
Date Printed: June 17, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State & Van Buren **Lab Order:** 0506217

Lab ID: 0506217-001 **Collection Date:** 3/3/2005 8:25:00 AM
Client Sample ID: B-3 (0-3) **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Organic Carbon Content	**D2974**			Prep Date: **6/16/2005**		Analyst: **RW**
Organic Carbon Content	1.49	0.01	*	wt%	1	6/17/2005

Lab ID: 0506217-002 **Collection Date:** 3/3/2005 8:45:00 AM
Client Sample ID: B-3 (9-12) **Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Organic Carbon Content	**D2974**			Prep Date: **6/16/2005**		Analyst: **RW**
Organic Carbon Content	3.56	0.01	*	wt%	1	6/17/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

Craig 0506217

From: "Tom Brecheisen" <tbrecheisen@kbconsulting.net>
To: <CChawla@STATAnalysis.com>
Sent: Monday, June 06, 2005 4:15 PM
Subject: STAT Project No. 0503080

Craig,

Please analyze the following two (2) soil samples for fraction organic carbon pursuant to ASTM D-2972.

Sample ID:
B-3 (0-3); STAT ID No. 0503080-005
B-3 (9-12); STAT ID No. 0503080-006

Standard turnaround time.

Thank you,
Tom Brecheisen

STAT Analysis Corporation
2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

CHAIN OF CUSTODY RECORD

N°: 807967 Page: 1 of 1

Company: [illegible] & Bilotti, Inc.
Project Number: 05-ENV-001 Client Tracking No.:
Project Name: Pritzker Park
Location/Address: State & Van Buren
Sampler(s): Tom Brechlesen
Report To: Tom Brechlesen Phone: 853-0580
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ Fax: 853-0311
Regulatory Program: NPEDS/MWRD RCRA SDWA (SRP) TACO Other: ________

P.O. No.:
Quote No.:

Turn Around: Standard
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOCs	SVOCs	Pesticides/PCBs	TAL Metals	BETX	PNAs	RCRA 8 Metals	pH				Remarks
B-1 (0-3)	3-3-05	7:15	Soil		✓	F	4					✓	✓	✓	✓				
B-1 (3-6)	3-3-05	7:20	Soil		✓	F	4					✓	✓	✓	✓				
B-2 (0-3)	3-3-05	8:00	Soil		✓	F	4	✓	✓	✓	✓				✓				
B-2 (6-9)	3-3-05	8:10	Soil		✓	F	4	✓	✓	✓	✓				✓				
B-3 (0-3)	3-3-05	8:25	Soil		✓	F	4					✓	✓	✓	✓				
B-3 (9-12)	3-3-05	8:45	Soil		✓	F	4					✓	✓	✓	✓				
B-4 (0-3)	3-3-05	9:20	Soil		✓	F	4					✓	✓	✓	✓				
B-4 (9-12)	3-3-05	10:00	Soil		✓	F	4					✓	✓	✓	✓				
B-5 (0-3)	3-3-05	10:35	Soil		✓	F	4					✓	✓	✓	✓				
B-5 (3-6)	3-3-05	10:45	Soil		✓	F	4					✓	✓	✓	✓				
B-6 (0-3)	3-3-05	11:20	Soil		✓	F	4					✓	✓	✓	✓				
B-6 (6-9)	3-3-05	11:45	Soil		✓	F	4					✓	✓	✓	✓				
B-7 (0-3)	3-3-05	12:35	Soil		✓	F	4					✓	✓	✓	✓				
B-7 (3-6)	3-3-05	12:45	Soil		✓	F	5					✓	✓	✓	✓				
B-8 (0-3)	3-3-05	13:10	Soil		✓	F	4					✓	✓	✓	✓				
B-8 (3-6)	3-3-05	13:15	Soil		✓	F	4					✓	✓	✓	✓				
B-9 (0-3)	3-3-05	13:55	Soil		✓	F	4					✓	✓	✓	✓				
B-9 (9-11)	3-3-05	14:10	Soil		✓	F	4					✓	✓	✓	✓				
B-10 (0-3)	3-3-05	14:25	Soil		✓	F	4					✓	✓	✓	✓				
B-10 (6-9)	3-3-05	14:40	Soil		✓	F	4					✓	✓	✓	✓				

Relinquished by: (Signature) Thomas A. Brechlesen Date/Time: 3-3-05 [illegible]
Received by: (Signature) [illegible] Date/Time: 3-3-05 [illegible]
Relinquished by: (Signature) [illegible] Date/Time: 3-3-05 [illegible]
Received for lab by: (Signature) [illegible] Date/Time: 3/3/05 170[illegible]
Relinquished by: (Signature) Date/Time:

Preservation Code:
A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K&B

Date and Time Received: 03/03/2005

Work Order Numbe 0503080

Received by: JC

Checklist completed by: Jessica Carter 3/3/05 (Signature / Date)

Reviewed by: _____ 3/14/05 (Initials / Date)

Matrix

Carrier name STAT Analysis

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 *signed when relinquished and received*?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 6 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples properly preserved/ pH checked?	Yes ☐	No ☐	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

March 18, 2005

Kowalenko & Bilotti, Inc.
118 N. Peoria
Suite 5N
Chicago, IL 60607
Telephone: (312) 853-0500
Fax: (312) 853-0311

RE: 05-ENV-001, Pritzker Park, State & Van Buren STAT Project No: 0503078

Dear Tom Brecheisen:

STAT Analysis received 1 sample for the referenced project on 3/3/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

[redacted] Analysis Corporation

Date: March 18, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab Order: 0503078

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0503078-001A	B-10 (12-16)		3/3/2005 2:45:00 PM	3/3/2005

[redacted] Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Report Date: March 18, 2005
Print Date: March 18, 2005

Client:	Kowalenko & Bilotti, Inc.	**Client Sample ID:**	B-10 (12-16)
Lab Order:	0503078	**Tag Number:**	
Project:	05-ENV-001, Pritzker Park, State & Van Buren	**Collection Date:**	3/3/2005 2:45:00 PM
Lab ID:	0503078-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Hydraulic Conductivity	**D5084**			Prep Date: **3/10/2005**		Analyst: **SUB**
Hydraulic Conductivity	7.35 x10-7			cm/s	1	3/17/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

CHAIN OF CUSTODY RECORD

Nº: 806413 Page: 1 of 1

Company: Kowalinke & Bilotti
Project Number: 05-ENV-…
Client Tracking No.:
Project Name: Pritzker Park
Location/Address: State & Van Buren
Sampler(s): Tom Breckeisen
Report To: Tom Breckeisen
Phone:
QC Level: 1 ___ 2 ___ 3 ___ 4 ___
Fax:
Regulatory Program: NPEDS/MWRD-RCRA SDWA SRP TACO Other: ___
P.O. No.:
Quote No.:
Analysis: Hydraulic Conductivity ASTM D5084
Turn Around: Std
Results Needed: ___ am/pm

Client Sample Number/Description	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Hydraulic Conductivity ASTM D5084	Remarks	Lab No.
B-10 (12-16)	3-3-05	14:45	Soil		✓	A	1	✓		001

Relinquished by: (Signature)	Thomas A Breckeisen	Date/Time: 3-3-05 1700
Received by: (Signature)	[illegible]	Date/Time: 3-3-05 5:00
Relinquished by: (Signature)	[illegible]	Date/Time: 3-3-05 5:41
Received for lab by: (Signature)	[illegible]	Date/Time: 3/3/05 17:4[illegible]
Relinquished by: (Signature)		Date/Time:

Laboratory Use: Sample Verification:

	Yes	No
Container OK	X	
Samples Leaking		X
Refrigerated (Temp: Ambient °C)	X	
Sample Labels Match Sample ID	X	

Work Order No.: 0503078

Preservation Code:
A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K&B

Date and Time Received: 03/03/2005

Work Order Numbe 0503078

Received by: JC

Checklist completed by: Jesus Cantero 3/3/05 (Signature / Date)

Reviewed by: ___ 3/18/05 (Initials / Date)

Matrix

Carrier name STAT Analysis

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 signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature Ambient °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples properly preserved/ pH checked?	Yes ☐	No ☐	

Adjusted? ____ Checked by ____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted ____ Date contacted: ____ Person contacted ____

Contacted by: ____ Regarding ____

Comments: ____

Corrective Action ____

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
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March 14, 2005

Kowalenko & Bilotti, Inc.
118 N. Peoria
Suite 5N
Chicago, IL 60607
Telephone: (312) 853-0500
Fax: (312) 853-0311

RE: 05-ENV-001, Pritzker Park, State & Van Buren STAT Project No: 0503080

Dear Tom Brecheisen:

STAT Analysis received 20 samples for the referenced project on 3/3/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC part 186 (Accreditation #100445). Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

STAT Analysis Corporation

Date: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab Order: 0503080

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0503080-001A	B-1 (0-3)		3/3/2005 7:15:00 AM	3/3/2005
0503080-001B	B-1 (0-3)		3/3/2005 7:15:00 AM	3/3/2005
0503080-002A	B-1 (3-6)		3/3/2005 7:20:00 AM	3/3/2005
0503080-002B	B-1 (3-6)		3/3/2005 7:20:00 AM	3/3/2005
0503080-003A	B-2 (0-3)		3/3/2005 8:00:00 AM	3/3/2005
0503080-003B	B-2 (0-3)		3/3/2005 8:00:00 AM	3/3/2005
0503080-004A	B-2 (6-9)		3/3/2005 8:10:00 AM	3/3/2005
0503080-004B	B-2 (6-9)		3/3/2005 8:10:00 AM	3/3/2005
0503080-005A	B-3 (0-3)		3/3/2005 8:25:00 AM	3/3/2005
0503080-005B	B-3 (0-3)		3/3/2005 8:25:00 AM	3/3/2005
0503080-006A	B-3 (9-12)		3/3/2005 8:45:00 AM	3/3/2005
0503080-006B	B-3 (9-12)		3/3/2005 8:45:00 AM	3/3/2005
0503080-007A	B-4 (0-3)		3/3/2005 9:20:00 AM	3/3/2005
0503080-007B	B-4 (0-3)		3/3/2005 9:20:00 AM	3/3/2005
0503080-008A	B-4 (9-12)		3/3/2005 10:00:00 AM	3/3/2005
0503080-008B	B-4 (9-12)		3/3/2005 10:00:00 AM	3/3/2005
0503080-009A	B-5 (0-3)		3/3/2005 10:35:00 AM	3/3/2005
0503080-009B	B-5 (0-3)		3/3/2005 10:35:00 AM	3/3/2005
0503080-010A	B-5 (3-6)		3/3/2005 10:45:00 AM	3/3/2005
0503080-010B	B-5 (3-6)		3/3/2005 10:45:00 AM	3/3/2005
0503080-011A	B-6 (0-3)		3/3/2005 11:20:00 AM	3/3/2005
0503080-011B	B-6 (0-3)		3/3/2005 11:20:00 AM	3/3/2005
0503080-012A	B-6 (6-9)		3/3/2005 11:45:00 AM	3/3/2005
0503080-012B	B-6 (6-9)		3/3/2005 11:45:00 AM	3/3/2005
0503080-013A	B-7 (0-3)		3/3/2005 12:35:00 PM	3/3/2005
0503080-013B	B-7 (0-3)		3/3/2005 12:35:00 PM	3/3/2005
0503080-014A	B-7 (3-6)		3/3/2005 12:45:00 PM	3/3/2005
0503080-014B	B-7 (3-6)		3/3/2005 12:45:00 PM	3/3/2005
0503080-015A	B-8 (0-3)		3/3/2005 1:10:00 PM	3/3/2005
0503080-015B	B-8 (0-3)		3/3/2005 1:10:00 PM	3/3/2005
0503080-016A	B-8 (3-6)		3/3/2005 1:15:00 PM	3/3/2005
0503080-016B	B-8 (3-6)		3/3/2005 1:15:00 PM	3/3/2005
0503080-017A	B-9 (0-3)		3/3/2005 1:55:00 PM	3/3/2005
0503080-017B	B-9 (0-3)		3/3/2005 1:55:00 PM	3/3/2005
0503080-018A	B-9 (9-11)		3/3/2005 2:10:00 PM	3/3/2005
0503080-018B	B-9 (9-11)		3/3/2005 2:10:00 PM	3/3/2005
0503080-019A	B-10 (0-3)		3/3/2005 2:25:00 PM	3/3/2005
0503080-019B	B-10 (0-3)		3/3/2005 2:25:00 PM	3/3/2005

Client:	Kowalenko & Bilotti, Inc.
Project:	05-ENV-001, Pritzker Park, State & Van Buren
Lab Order:	0503080

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0503080-020A	B-10 (6-9)		3/3/2005 2:40:00 PM	3/3/2005
0503080-020B	B-10 (6-9)		3/3/2005 2:40:00 PM	3/3/2005

STAT Analysis Corporation

Date: *March 14, 2005*

CLIENT:	Kowalenko & Bilotti, Inc.
Project:	05-ENV-001, Pritzker Park, State & Van Buren
Lab Order:	0503080

CASE NARRATIVE

The MS/MSD prepared from sample B-1 (0-3) (0503080-001B) had recovery outside of control limits for Antimony (24%/23% recovery, QC limits 75-125%). Reanalysis of the sample, MS and MSD confirmed low recovery of Antimony as a result of sample matrix.

The MS/MSD prepared from sample B-1 (0-3) (0503080-001B) had recovery outside of control limits for Zinc (72%/91% recovery, QC limits 75-125%).

Sample B-2 (6-9) (0503080-004) had high SVOC soil surrogate recovery for 4-Terphenyl-d14 (145% Recovery, QC Limits 18-137%).

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-001

Client Sample ID: B-1 (0-3)
Collection Date: 3/3/2005 7:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	ND	0.028		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	29	0.55		mg/Kg-dry	10	3/4/2005
Barium	64	1.1		mg/Kg-dry	10	3/4/2005
Cadmium	ND	0.55		mg/Kg-dry	10	3/4/2005
Chromium	12	1.1		mg/Kg-dry	10	3/4/2005
Lead	31	0.55		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.028		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.028		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.028		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.0045		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0045		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0091		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	7.9			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	12.42	0.01	*	wt%	1	3/7/2005

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-002

Client Sample ID: B-1 (3-6)
Collection Date: 3/3/2005 7:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	0.27	0.028		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	9.6	0.56		mg/Kg-dry	10	3/4/2005
Barium	93	1.1		mg/Kg-dry	10	3/4/2005
Cadmium	0.61	0.56		mg/Kg-dry	10	3/4/2005
Chromium	17	1.1		mg/Kg-dry	10	3/4/2005
Lead	120	0.56		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	1.7	0.3		mg/Kg-dry	10	3/10/2005
Acenaphthylene	0.28	0.03		mg/Kg-dry	1	3/9/2005
Anthracene	5	3		mg/Kg-dry	100	3/10/2005
Benz(a)anthracene	9.9	3		mg/Kg-dry	100	3/10/2005
Benzo(a)pyrene	5.2	3		mg/Kg-dry	100	3/10/2005
Benzo(b)fluoranthene	6.6	3		mg/Kg-dry	100	3/10/2005
Benzo(g,h,i)perylene	3	3		mg/Kg-dry	100	3/10/2005
Benzo(k)fluoranthene	5.2	3		mg/Kg-dry	100	3/10/2005
Chrysene	9.9	3		mg/Kg-dry	100	3/10/2005
Dibenz(a,h)anthracene	0.8	0.3		mg/Kg-dry	10	3/10/2005
Fluoranthene	24	3		mg/Kg-dry	100	3/10/2005
Fluorene	2.5	0.3		mg/Kg-dry	10	3/10/2005
Indeno(1,2,3-cd)pyrene	3.7	3		mg/Kg-dry	100	3/10/2005
Naphthalene	0.78	0.3		mg/Kg-dry	10	3/10/2005
Phenanthrene	17	3		mg/Kg-dry	100	3/10/2005
Pyrene	20	3		mg/Kg-dry	100	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.005		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.005		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.005		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0099		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	7.9			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	16.08	0.01	*	wt%	1	3/7/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-003

Client Sample ID: B-2 (0-3)
Collection Date: 3/3/2005 8:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.09		mg/Kg-dry	1	3/10/2005
Aroclor 1221	ND	0.09		mg/Kg-dry	1	3/10/2005
Aroclor 1232	ND	0.09		mg/Kg-dry	1	3/10/2005
Aroclor 1242	ND	0.09		mg/Kg-dry	1	3/10/2005
Aroclor 1248	ND	0.09		mg/Kg-dry	1	3/10/2005
Aroclor 1254	ND	0.09		mg/Kg-dry	1	3/10/2005
Aroclor 1260	ND	0.09		mg/Kg-dry	1	3/10/2005
Pesticides	**SW8081 (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **ERP**
4,4'-DDD	ND	0.0037		mg/Kg-dry	1	3/10/2005
4,4'-DDE	ND	0.0037		mg/Kg-dry	1	3/10/2005
4,4'-DDT	ND	0.0037		mg/Kg-dry	1	3/10/2005
Aldrin	ND	0.0018		mg/Kg-dry	1	3/10/2005
alpha-BHC	ND	0.0018		mg/Kg-dry	1	3/10/2005
alpha-Chlordane	ND	0.0018		mg/Kg-dry	1	3/10/2005
beta-BHC	ND	0.0018		mg/Kg-dry	1	3/10/2005
Chlordane	ND	0.09		mg/Kg-dry	1	3/10/2005
delta-BHC	ND	0.0018		mg/Kg-dry	1	3/10/2005
Dieldrin	ND	0.0037		mg/Kg-dry	1	3/10/2005
Endosulfan I	ND	0.0018		mg/Kg-dry	1	3/10/2005
Endosulfan II	ND	0.0037		mg/Kg-dry	1	3/10/2005
Endosulfan sulfate	ND	0.0037		mg/Kg-dry	1	3/10/2005
Endrin	ND	0.0037		mg/Kg-dry	1	3/10/2005
Endrin aldehyde	ND	0.0037		mg/Kg-dry	1	3/10/2005
Endrin ketone	ND	0.0037		mg/Kg-dry	1	3/10/2005
gamma-BHC	ND	0.0018		mg/Kg-dry	1	3/10/2005
gamma-Chlordane	ND	0.0018		mg/Kg-dry	1	3/10/2005
Heptachlor	ND	0.0018		mg/Kg-dry	1	3/10/2005
Heptachlor epoxide	ND	0.0018		mg/Kg-dry	1	3/10/2005
Methoxychlor	ND	0.0018		mg/Kg-dry	1	3/10/2005
Toxaphene	ND	0.11		mg/Kg-dry	1	3/10/2005
Mercury	**SW7471A**			Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	ND	0.027		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Aluminum	4900	21		mg/Kg-dry	10	3/4/2005
Antimony	ND	2.1		mg/Kg-dry	10	3/7/2005
Arsenic	29	0.53		mg/Kg-dry	10	* 3/4/2005
Barium	64	1.1		mg/Kg-dry	10	3/4/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-003

Client Sample ID: B-2 (0-3)
Collection Date: 3/3/2005 8:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Beryllium	0.57	0.53		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.53		mg/Kg-dry	10	3/4/2005
Calcium	140000	260		mg/Kg-dry	40	3/8/2005
Chromium	12	1.1		mg/Kg-dry	10	3/4/2005
Cobalt	13	1.1		mg/Kg-dry	10	3/4/2005
Copper	43	2.7		mg/Kg-dry	10	3/4/2005
Iron	44000	32		mg/Kg-dry	10	3/4/2005
Lead	32	0.53		mg/Kg-dry	10	3/4/2005
Magnesium	78000	130		mg/Kg-dry	40	3/8/2005
Manganese	760	1.1		mg/Kg-dry	10	3/4/2005
Nickel	29	1.1		mg/Kg-dry	10	3/4/2005
Potassium	1100	32		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Sodium	230	64		mg/Kg-dry	10	3/4/2005
Thallium	1.1	1.1		mg/Kg-dry	10	3/4/2005
Vanadium	21	1.1		mg/Kg-dry	10	3/4/2005
Zinc	79	5.3		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.028		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.028		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.028		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
1,2,4-Trichlorobenzene	ND	0.37		mg/Kg-dry	1	3/9/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-003

Client Sample ID: B-2 (0-3)
Collection Date: 3/3/2005 8:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
1,2-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	3/9/2005
1,3-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	3/9/2005
1,4-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	3/9/2005
2, 2'-oxybis(1-Chloropropane	ND	0.37		mg/Kg-dry	1	3/9/2005
2,4,5-Trichlorophenol	ND	0.74		mg/Kg-dry	1	3/9/2005
2,4,6-Trichlorophenol	ND	0.37		mg/Kg-dry	1	3/9/2005
2,4-Dichlorophenol	ND	0.37		mg/Kg-dry	1	3/9/2005
2,4-Dimethylphenol	ND	0.37		mg/Kg-dry	1	3/9/2005
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	3/9/2005
2,4-Dinitrotoluene	ND	0.37		mg/Kg-dry	1	3/9/2005
2,6-Dinitrotoluene	ND	0.37		mg/Kg-dry	1	3/9/2005
2-Chloronaphthalene	ND	0.37		mg/Kg-dry	1	3/9/2005
2-Chlorophenol	ND	0.37		mg/Kg-dry	1	3/9/2005
2-Methylnaphthalene	ND	0.37		mg/Kg-dry	1	3/9/2005
2-Methylphenol	ND	0.37		mg/Kg-dry	1	3/9/2005
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	3/9/2005
2-Nitrophenol	ND	0.37		mg/Kg-dry	1	3/9/2005
3,3'-Dichlorobenzidine	ND	0.74		mg/Kg-dry	1	3/9/2005
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	3/9/2005
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	3/9/2005
4-Bromophenyl phenyl ether	ND	0.37		mg/Kg-dry	1	3/9/2005
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	3/9/2005
4-Chloroaniline	ND	0.37		mg/Kg-dry	1	3/9/2005
4-Chlorophenyl phenyl ether	ND	0.37		mg/Kg-dry	1	3/9/2005
4-Methylphenol	ND	0.37		mg/Kg-dry	1	3/9/2005
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	3/9/2005
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	3/9/2005
Aniline	ND	0.37		mg/Kg-dry	1	3/9/2005
Benzidine	ND	0.37		mg/Kg-dry	1	3/9/2005
Benzoic acid	ND	1.8		mg/Kg-dry	1	3/9/2005
Benzyl alcohol	ND	0.37		mg/Kg-dry	1	3/9/2005
Bis(2-chloroethoxy)methane	ND	0.37		mg/Kg-dry	1	3/9/2005
Bis(2-chloroethyl)ether	ND	0.37		mg/Kg-dry	1	3/9/2005
Bis(2-ethylhexyl)phthalate	ND	0.37		mg/Kg-dry	1	3/9/2005
Butyl benzyl phthalate	ND	0.37		mg/Kg-dry	1	3/9/2005
Carbazole	ND	0.37		mg/Kg-dry	1	3/9/2005
Di-n-butyl phthalate	ND	0.37		mg/Kg-dry	1	3/9/2005
Di-n-octyl phthalate	ND	0.37		mg/Kg-dry	1	3/9/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-003

Client Sample ID: B-2 (0-3)
Collection Date: 3/3/2005 8:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **3/9/2005**		Analyst: **VS**
Dibenzofuran	ND	0.37		mg/Kg-dry	1	3/9/2005
Diethyl phthalate	ND	0.37		mg/Kg-dry	1	3/9/2005
Dimethyl phthalate	ND	0.37		mg/Kg-dry	1	3/9/2005
Hexachlorobenzene	ND	0.37		mg/Kg-dry	1	3/9/2005
Hexachlorobutadiene	ND	0.37		mg/Kg-dry	1	3/9/2005
Hexachlorocyclopentadiene	ND	0.37		mg/Kg-dry	1	3/9/2005
Hexachloroethane	ND	0.37		mg/Kg-dry	1	3/9/2005
Isophorone	ND	0.37		mg/Kg-dry	1	3/9/2005
N-Nitrosodi-n-propylamine	ND	0.37		mg/Kg-dry	1	3/9/2005
N-Nitrosodimethylamine	ND	0.37		mg/Kg-dry	1	3/9/2005
N-Nitrosodiphenylamine	ND	0.37		mg/Kg-dry	1	3/9/2005
Nitrobenzene	ND	0.37		mg/Kg-dry	1	3/9/2005
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	3/9/2005
Phenol	ND	0.37		mg/Kg-dry	1	3/9/2005
Pyridine	ND	0.37		mg/Kg-dry	1	3/9/2005
Volatile Organic Compounds by GC/MS		**SW5035/8260B**		Prep Date: **3/8/2005**		Analyst: **MP**
Acetone	0.027	0.026		mg/Kg-dry	1	3/9/2005
Benzene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
Bromoform	ND	0.0053		mg/Kg-dry	1	3/9/2005
Bromomethane	ND	0.011		mg/Kg-dry	1	3/9/2005
2-Butanone	ND	0.011		mg/Kg-dry	1	3/9/2005
Carbon disulfide	ND	0.0053		mg/Kg-dry	1	3/9/2005
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	3/9/2005
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
Chloroethane	ND	0.011		mg/Kg-dry	1	3/9/2005
Chloroform	ND	0.0053		mg/Kg-dry	1	3/9/2005
Chloromethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	3/9/2005
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	3/9/2005
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	3/9/2005
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	3/9/2005
cis-1,3-Dichloropropene	ND	0.0053		mg/Kg-dry	1	3/9/2005
trans-1,3-Dichloropropene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	3/9/2005

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-003

Client Sample ID: B-2 (0-3)
Collection Date: 3/3/2005 8:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
2-Hexanone	ND	0.011		mg/Kg-dry	1	3/9/2005
4-Methyl-2-pentanone	ND	0.011		mg/Kg-dry	1	3/9/2005
Methylene chloride	ND	0.011		mg/Kg-dry	1	3/9/2005
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	3/9/2005
Styrene	ND	0.0053		mg/Kg-dry	1	3/9/2005
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Toluene	0.0057	0.0053		mg/Kg-dry	1	3/9/2005
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	3/9/2005
Trichloroethene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.011		mg/Kg-dry	1	3/9/2005
Cyanide, Total	**SW9012A**			Prep Date: **3/4/2005**		Analyst: **YZ**
Cyanide	ND	0.28		mg/Kg-dry	1	3/7/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	8.1			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	11.55	0.01	*	wt%	1	3/7/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-004

Client Sample ID: B-2 (6-9)
Collection Date: 3/3/2005 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **3/9/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.095		mg/Kg-dry	1	3/10/2005
Aroclor 1221	ND	0.095		mg/Kg-dry	1	3/10/2005
Aroclor 1232	ND	0.095		mg/Kg-dry	1	3/10/2005
Aroclor 1242	ND	0.095		mg/Kg-dry	1	3/10/2005
Aroclor 1248	ND	0.095		mg/Kg-dry	1	3/10/2005
Aroclor 1254	ND	0.095		mg/Kg-dry	1	3/10/2005
Aroclor 1260	ND	0.095		mg/Kg-dry	1	3/10/2005
Pesticides		**SW8081 (SW3550B)**		Prep Date: **3/9/2005**		Analyst: **ERP**
4,4'-DDD	0.013	0.0039		mg/Kg-dry	1	3/10/2005
4,4'-DDE	0.0063	0.0039		mg/Kg-dry	1	3/10/2005
4,4'-DDT	0.0063	0.0039		mg/Kg-dry	1	3/10/2005
Aldrin	ND	0.0019		mg/Kg-dry	1	3/10/2005
alpha-BHC	ND	0.0019		mg/Kg-dry	1	3/10/2005
alpha-Chlordane	ND	0.0019		mg/Kg-dry	1	3/10/2005
beta-BHC	ND	0.0019		mg/Kg-dry	1	3/10/2005
Chlordane	ND	0.095		mg/Kg-dry	1	3/10/2005
delta-BHC	ND	0.0019		mg/Kg-dry	1	3/10/2005
Dieldrin	ND	0.0039		mg/Kg-dry	1	3/10/2005
Endosulfan I	ND	0.0019		mg/Kg-dry	1	3/10/2005
Endosulfan II	ND	0.0039		mg/Kg-dry	1	3/10/2005
Endosulfan sulfate	ND	0.0039		mg/Kg-dry	1	3/10/2005
Endrin	ND	0.0039		mg/Kg-dry	1	3/10/2005
Endrin aldehyde	ND	0.0039		mg/Kg-dry	1	3/10/2005
Endrin ketone	ND	0.0039		mg/Kg-dry	1	3/10/2005
gamma-BHC	ND	0.0019		mg/Kg-dry	1	3/10/2005
gamma-Chlordane	ND	0.0019		mg/Kg-dry	1	3/10/2005
Heptachlor	ND	0.0019		mg/Kg-dry	1	3/10/2005
Heptachlor epoxide	ND	0.0019		mg/Kg-dry	1	3/10/2005
Methoxychlor	ND	0.0019		mg/Kg-dry	1	3/10/2005
Toxaphene	ND	0.12		mg/Kg-dry	1	3/10/2005
Mercury		**SW7471A**		Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	0.54	0.029		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **3/4/2005**		Analyst: **JG**
Aluminum	13000	90		mg/Kg-dry	40	3/8/2005
Antimony	2.7	2.3		mg/Kg-dry	10	3/7/2005
Arsenic	13	0.57		mg/Kg-dry	10	3/4/2005
Barium	150	1.1		mg/Kg-dry	10	3/4/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-004

Client Sample ID: B-2 (6-9)
Collection Date: 3/3/2005 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Beryllium	0.78	0.57		mg/Kg-dry	10	3/7/2005
Cadmium	0.58	0.57		mg/Kg-dry	10	3/4/2005
Calcium	74000	270		mg/Kg-dry	40	3/8/2005
Chromium	21	1.1		mg/Kg-dry	10	3/4/2005
Cobalt	8.5	1.1		mg/Kg-dry	10	3/4/2005
Copper	26	2.8		mg/Kg-dry	10	3/4/2005
Iron	24000	34		mg/Kg-dry	10	3/4/2005
Lead	67	0.57		mg/Kg-dry	10	3/4/2005
Magnesium	34000	34		mg/Kg-dry	10	3/4/2005
Manganese	550	1.1		mg/Kg-dry	10	3/4/2005
Nickel	20	1.1		mg/Kg-dry	10	3/4/2005
Potassium	2300	34		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Sodium	510	68		mg/Kg-dry	10	3/4/2005
Thallium	ND	1.1		mg/Kg-dry	10	3/4/2005
Vanadium	27	1.1		mg/Kg-dry	10	3/4/2005
Zinc	93	5.7		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.21	0.03		mg/Kg-dry	1	3/10/2005
Acenaphthylene	ND	0.03		mg/Kg-dry	1	3/10/2005
Anthracene	0.99	0.3		mg/Kg-dry	10	3/10/2005
Benz(a)anthracene	1.5	0.3		mg/Kg-dry	10	3/10/2005
Benzo(a)pyrene	1.5	0.3		mg/Kg-dry	10	3/10/2005
Benzo(b)fluoranthene	1.4	0.3		mg/Kg-dry	10	3/10/2005
Benzo(g,h,i)perylene	0.79	0.3		mg/Kg-dry	10	3/10/2005
Benzo(k)fluoranthene	1.2	0.3		mg/Kg-dry	10	3/10/2005
Chrysene	1.6	0.3		mg/Kg-dry	10	3/10/2005
Dibenz(a,h)anthracene	0.15	0.03		mg/Kg-dry	1	3/10/2005
Fluoranthene	3.2	0.3		mg/Kg-dry	10	3/10/2005
Fluorene	0.34	0.3		mg/Kg-dry	10	3/10/2005
Fluorene	0.29	0.03		mg/Kg-dry	1	3/10/2005
Indeno(1,2,3-cd)pyrene	0.76	0.3		mg/Kg-dry	10	3/10/2005
Naphthalene	0.061	0.03		mg/Kg-dry	1	3/10/2005
Phenanthrene	2.3	0.3		mg/Kg-dry	10	3/10/2005
Pyrene	2.7	0.3		mg/Kg-dry	10	3/10/2005
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-004

Client Sample ID: B-2 (6-9)
Collection Date: 3/3/2005 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	3/10/2005
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	3/10/2005
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	3/10/2005
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	3/10/2005
2, 2'-oxybis(1-Chloropropane	ND	0.39		mg/Kg-dry	1	3/10/2005
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	3/10/2005
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	3/10/2005
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	3/10/2005
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	3/10/2005
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	3/10/2005
2,4-Dinitrotoluene	ND	0.39		mg/Kg-dry	1	3/10/2005
2,6-Dinitrotoluene	ND	0.39		mg/Kg-dry	1	3/10/2005
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	3/10/2005
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	3/10/2005
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	3/10/2005
2-Methylphenol	ND	0.39		mg/Kg-dry	1	3/10/2005
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	3/10/2005
2-Nitrophenol	ND	0.39		mg/Kg-dry	1	3/10/2005
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	3/10/2005
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	3/10/2005
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	3/10/2005
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	3/10/2005
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	3/10/2005
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	3/10/2005
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	3/10/2005
4-Methylphenol	ND	0.39		mg/Kg-dry	1	3/10/2005
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	3/10/2005
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	3/10/2005
Aniline	ND	0.39		mg/Kg-dry	1	3/10/2005
Benzidine	ND	0.39		mg/Kg-dry	1	3/10/2005
Benzoic acid	ND	1.9		mg/Kg-dry	1	3/10/2005
Benzyl alcohol	ND	0.39		mg/Kg-dry	1	3/10/2005
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	3/10/2005
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	3/10/2005
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	3/10/2005
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	3/10/2005
Carbazole	ND	0.39		mg/Kg-dry	1	3/10/2005
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	3/10/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-004

Client Sample ID: B-2 (6-9)
Collection Date: 3/3/2005 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **3/9/2005**		Analyst: **VS**
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	3/10/2005
Dibenzofuran	ND	0.39		mg/Kg-dry	1	3/10/2005
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	3/10/2005
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	3/10/2005
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	3/10/2005
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	3/10/2005
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	3/10/2005
Hexachloroethane	ND	0.39		mg/Kg-dry	1	3/10/2005
Isophorone	ND	0.39		mg/Kg-dry	1	3/10/2005
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	3/10/2005
N-Nitrosodimethylamine	ND	0.39		mg/Kg-dry	1	3/10/2005
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	3/10/2005
Nitrobenzene	ND	0.39		mg/Kg-dry	1	3/10/2005
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	3/10/2005
Phenol	ND	0.39		mg/Kg-dry	1	3/10/2005
Pyridine	ND	0.39		mg/Kg-dry	1	3/10/2005
Volatile Organic Compounds by GC/MS		**SW5035/8260B**		Prep Date: **3/8/2005**		Analyst: **MP**
Acetone	0.071	0.024		mg/Kg-dry	1	3/9/2005
Benzene	ND	0.0048		mg/Kg-dry	1	3/9/2005
Bromodichloromethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
Bromoform	ND	0.0048		mg/Kg-dry	1	3/9/2005
Bromomethane	ND	0.0096		mg/Kg-dry	1	3/9/2005
2-Butanone	0.015	0.0096		mg/Kg-dry	1	3/9/2005
Carbon disulfide	ND	0.0048		mg/Kg-dry	1	3/9/2005
Carbon tetrachloride	ND	0.0048		mg/Kg-dry	1	3/9/2005
Chlorobenzene	ND	0.0048		mg/Kg-dry	1	3/9/2005
Dibromochloromethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
Chloroethane	ND	0.0096		mg/Kg-dry	1	3/9/2005
Chloroform	ND	0.0048		mg/Kg-dry	1	3/9/2005
Chloromethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,1-Dichloroethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,2-Dichloroethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,1-Dichloroethene	ND	0.0048		mg/Kg-dry	1	3/9/2005
cis-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	3/9/2005
trans-1,2-Dichloroethene	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,2-Dichloropropane	ND	0.0048		mg/Kg-dry	1	3/9/2005
cis-1,3-Dichloropropene	ND	0.0048		mg/Kg-dry	1	3/9/2005
trans-1,3-Dichloropropene	ND	0.0048		mg/Kg-dry	1	3/9/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-004

Client Sample ID: B-2 (6-9)
Collection Date: 3/3/2005 8:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Ethylbenzene	ND	0.0048		mg/Kg-dry	1	3/9/2005
2-Hexanone	ND	0.0096		mg/Kg-dry	1	3/9/2005
4-Methyl-2-pentanone	ND	0.0096		mg/Kg-dry	1	3/9/2005
Methylene chloride	ND	0.0096		mg/Kg-dry	1	3/9/2005
Methyl tert-butyl ether	ND	0.0048		mg/Kg-dry	1	3/9/2005
Styrene	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,1,2,2-Tetrachloroethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
Tetrachloroethene	ND	0.0048		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,1,1-Trichloroethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
1,1,2-Trichloroethane	ND	0.0048		mg/Kg-dry	1	3/9/2005
Trichloroethene	ND	0.0048		mg/Kg-dry	1	3/9/2005
Vinyl chloride	ND	0.0048		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0096		mg/Kg-dry	1	3/9/2005
Cyanide, Total	**SW9012A**			Prep Date: **3/4/2005**		Analyst: **YZ**
Cyanide	ND	0.3		mg/Kg-dry	1	3/7/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	8.4			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	16.51	0.01	*	wt%	1	3/7/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-005

Client Sample ID: B-3 (0-3)
Collection Date: 3/3/2005 8:25:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	ND	0.029		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	21	0.56		mg/Kg-dry	10	3/4/2005
Barium	65	1.1		mg/Kg-dry	10	3/4/2005
Cadmium	ND	0.56		mg/Kg-dry	10	3/4/2005
Chromium	11	1.1		mg/Kg-dry	10	3/4/2005
Lead	30	0.56		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.029		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.029		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.029		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.0052		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0052		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.01		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	8.0			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	14.70	0.01	*	wt%	1	3/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-006

Client Sample ID: B-3 (9-12)
Collection Date: 3/3/2005 8:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	ND	0.029		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	3.9	0.61		mg/Kg-dry	10	3/4/2005
Barium	28	1.2		mg/Kg-dry	10	3/4/2005
Cadmium	ND	0.61		mg/Kg-dry	10	3/4/2005
Chromium	10	1.2		mg/Kg-dry	10	3/4/2005
Lead	9.1	0.61		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.2		mg/Kg-dry	10	3/4/2005
Silver	ND	1.2		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.031		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.031		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.031		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.031		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.031		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.031		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.031		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.031		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.031		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.011		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	8.1			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	19.64	0.01	*	wt%	1	3/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
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HT - Sample received past holding time
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-007

Client Sample ID: B-4 (0-3)
Collection Date: 3/3/2005 9:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/8/2005**		Analyst: **LB**
Mercury	ND	0.029		mg/Kg-dry	1	3/8/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	30	0.55		mg/Kg-dry	10	3/4/2005
Barium	59	1.1		mg/Kg-dry	10	3/4/2005
Cadmium	ND	0.55		mg/Kg-dry	10	3/4/2005
Chromium	12	1.1		mg/Kg-dry	10	3/4/2005
Lead	33	0.55		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.028		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.028		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.028		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.0052		mg/Kg-dry	1	3/9/2005
Toluene	0.006	0.0052		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.01		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	8.1			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	13.10	0.01	*	wt%	1	3/7/2005

Qualifiers:

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-008

Client Sample ID: B-4 (9-12)
Collection Date: 3/3/2005 10:00:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.028		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	3	0.54		mg/Kg-dry	10	3/4/2005
Barium	17	1.1		mg/Kg-dry	10	3/4/2005
Cadmium	ND	0.54		mg/Kg-dry	10	3/4/2005
Chromium	6.9	1.1		mg/Kg-dry	10	3/4/2005
Lead	13	0.54		mg/Kg-dry	10	3/4/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/4/2005
Silver	ND	1.1		mg/Kg-dry	10	3/4/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.029		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Fluoranthene	0.043	0.029		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.029		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.029		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Pyrene	0.039	0.029		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0047		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0047		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0094		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	8.3			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	14.42	0.01	*	wt%	1	3/7/2005

Qualifiers:

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R - RPD outside accepted recovery limits
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H - Holding time exceeded

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-009

Client Sample ID: B-5 (0-3)
Collection Date: 3/3/2005 10:35:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.026		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	26	0.57		mg/Kg-dry	10	3/7/2005
Barium	55	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.57		mg/Kg-dry	10	3/7/2005
Chromium	11	1.1		mg/Kg-dry	10	3/7/2005
Lead	28	0.57		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.028		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.028		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.028		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.005		mg/Kg-dry	1	3/9/2005
Toluene	0.0055	0.005		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.005		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.01		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	7.9			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	13.59	0.01	*	wt%	1	3/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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E - Value above quantitation range
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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-010

Client Sample ID: B-5 (3-6)
Collection Date: 3/3/2005 10:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	0.059	0.03		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	13	0.59		mg/Kg-dry	10	3/7/2005
Barium	150	1.2		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.59		mg/Kg-dry	10	3/7/2005
Chromium	21	1.2		mg/Kg-dry	10	3/7/2005
Lead	57	0.59		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.2		mg/Kg-dry	10	3/7/2005
Silver	ND	1.2		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.18	0.03		mg/Kg-dry	1	3/9/2005
Acenaphthylene	0.052	0.03		mg/Kg-dry	1	3/9/2005
Anthracene	0.62	0.3		mg/Kg-dry	10	3/10/2005
Benz(a)anthracene	1.6	0.3		mg/Kg-dry	10	3/10/2005
Benzo(a)pyrene	1.7	0.3		mg/Kg-dry	10	3/10/2005
Benzo(b)fluoranthene	1.5	0.3		mg/Kg-dry	10	3/10/2005
Benzo(g,h,i)perylene	0.85	0.3		mg/Kg-dry	10	3/10/2005
Benzo(k)fluoranthene	1.2	0.3		mg/Kg-dry	10	3/10/2005
Chrysene	1.6	0.3		mg/Kg-dry	10	3/10/2005
Dibenz(a,h)anthracene	0.15	0.03		mg/Kg-dry	1	3/9/2005
Fluoranthene	3	0.3		mg/Kg-dry	10	3/10/2005
Fluorene	0.23	0.03		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	0.84	0.3		mg/Kg-dry	10	3/10/2005
Naphthalene	0.066	0.03		mg/Kg-dry	1	3/9/2005
Phenanthrene	1.9	0.3		mg/Kg-dry	10	3/10/2005
Pyrene	2.6	0.3		mg/Kg-dry	10	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.011		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/4/2005**		Analyst: **RW**
pH	7.8			pH Units	1	3/4/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	17.93	0.01	*	wt%	1	3/7/2005

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-011

Client Sample ID: B-6 (0-3)
Collection Date: 3/3/2005 11:20:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.026		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	25	0.54		mg/Kg-dry	10	3/7/2005
Barium	54	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.54		mg/Kg-dry	10	3/7/2005
Chromium	11	1.1		mg/Kg-dry	10	3/7/2005
Lead	28	0.54		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.028		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.028		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.028		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **MP**
Benzene	ND	0.0051		mg/Kg-dry	1	3/9/2005
Toluene	0.0057	0.0051		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0051		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.01		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.0			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	12.19	0.01	*	wt%	1	3/7/2005

Qualifiers:
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J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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H - Holding time exceeded

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-012

Client Sample ID: B-6 (6-9)
Collection Date: 3/3/2005 11:45:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	0.11	0.03		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	9.9	0.56		mg/Kg-dry	10	3/7/2005
Barium	150	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	0.73	0.56		mg/Kg-dry	10	3/7/2005
Chromium	18	1.1		mg/Kg-dry	10	3/7/2005
Lead	210	0.56		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.34	0.03		mg/Kg-dry	1	3/10/2005
Acenaphthylene	0.16	0.03		mg/Kg-dry	1	3/10/2005
Anthracene	1.3	0.3		mg/Kg-dry	10	3/10/2005
Benz(a)anthracene	3.1	0.3		mg/Kg-dry	10	3/10/2005
Benzo(a)pyrene	1.6	0.3		mg/Kg-dry	10	3/10/2005
Benzo(b)fluoranthene	1.6	0.3		mg/Kg-dry	10	3/10/2005
Benzo(g,h,i)perylene	1.3	0.3		mg/Kg-dry	10	3/10/2005
Benzo(k)fluoranthene	1.4	0.3		mg/Kg-dry	10	3/10/2005
Chrysene	3.1	0.3		mg/Kg-dry	10	3/10/2005
Dibenz(a,h)anthracene	0.29	0.03		mg/Kg-dry	1	3/10/2005
Fluoranthene	6.3	3		mg/Kg-dry	100	3/10/2005
Fluorene	0.55	0.3		mg/Kg-dry	10	3/10/2005
Indeno(1,2,3-cd)pyrene	1.4	0.3		mg/Kg-dry	10	3/10/2005
Naphthalene	0.19	0.03		mg/Kg-dry	1	3/10/2005
Phenanthrene	4.2	3		mg/Kg-dry	100	3/10/2005
Pyrene	5.3	3		mg/Kg-dry	100	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0049		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0049		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0097		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.1			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	16.73	0.01	*	wt%	1	3/7/2005

Qualifiers:

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-013

Client Sample ID: B-7 (0-3)
Collection Date: 3/3/2005 12:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.029		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	34	0.55		mg/Kg-dry	10	3/7/2005
Barium	68	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.55		mg/Kg-dry	10	3/7/2005
Chromium	12	1.1		mg/Kg-dry	10	3/7/2005
Lead	37	0.55		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.029		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.029		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.029		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.011		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.2			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	13.63	0.01	*	wt%	1	3/7/2005

Qualifiers:
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STAT Analysis Corporation
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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-014

Client Sample ID: B-7 (3-6)
Collection Date: 3/3/2005 12:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	0.26	0.029		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	7.8	0.56		mg/Kg-dry	10	3/7/2005
Barium	140	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.56		mg/Kg-dry	10	3/7/2005
Chromium	20	1.1		mg/Kg-dry	10	3/7/2005
Lead	79	0.56		mg/Kg-dry	10	3/7/2005
Selenium	1.2	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.98	0.29		mg/Kg-dry	10	3/10/2005
Acenaphthylene	0.29	0.029		mg/Kg-dry	1	3/10/2005
Anthracene	3.8	2.9		mg/Kg-dry	100	3/10/2005
Benz(a)anthracene	8	2.9		mg/Kg-dry	100	3/10/2005
Benzo(a)pyrene	7.7	2.9		mg/Kg-dry	100	3/10/2005
Benzo(b)fluoranthene	7	2.9		mg/Kg-dry	100	3/10/2005
Benzo(g,h,i)perylene	4	2.9		mg/Kg-dry	100	3/10/2005
Benzo(k)fluoranthene	5.9	2.9		mg/Kg-dry	100	3/10/2005
Chrysene	8.2	2.9		mg/Kg-dry	100	3/10/2005
Dibenz(a,h)anthracene	0.62	0.29		mg/Kg-dry	10	3/10/2005
Fluoranthene	18	2.9		mg/Kg-dry	100	3/10/2005
Fluorene	1.9	0.29		mg/Kg-dry	10	3/10/2005
Indeno(1,2,3-cd)pyrene	3.8	2.9		mg/Kg-dry	100	3/10/2005
Naphthalene	0.4	0.29		mg/Kg-dry	10	3/10/2005
Phenanthrene	14	2.9		mg/Kg-dry	100	3/10/2005
Pyrene	15	2.9		mg/Kg-dry	100	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.007		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.007		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.007		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.014		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.0			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	15.48	0.01	*	wt%	1	3/7/2005

Qualifiers:

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R - RPD outside accepted recovery limits
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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-015

Client Sample ID: B-8 (0-3)
Collection Date: 3/3/2005 1:10:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.028		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	27	0.56		mg/Kg-dry	10	3/7/2005
Barium	56	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.56		mg/Kg-dry	10	3/7/2005
Chromium	12	1.1		mg/Kg-dry	10	3/7/2005
Lead	30	0.56		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.028		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluoranthene	ND	0.028		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.028		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.028		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.028		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.028		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.011		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.0			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	12.68	0.01	*	wt%	1	3/7/2005

Qualifiers:

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-016

Client Sample ID: B-8 (3-6)
Collection Date: 3/3/2005 1:15:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.03		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	17	0.57		mg/Kg-dry	10	3/7/2005
Barium	89	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.57		mg/Kg-dry	10	3/7/2005
Chromium	18	1.1		mg/Kg-dry	10	3/7/2005
Lead	71	0.57		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.26	0.03		mg/Kg-dry	1	3/10/2005
Acenaphthylene	0.068	0.03		mg/Kg-dry	1	3/10/2005
Anthracene	0.72	0.3		mg/Kg-dry	10	3/10/2005
Benz(a)anthracene	1.7	0.3		mg/Kg-dry	10	3/10/2005
Benzo(a)pyrene	0.72	0.3		mg/Kg-dry	10	3/10/2005
Benzo(b)fluoranthene	0.79	0.3		mg/Kg-dry	10	3/10/2005
Benzo(g,h,i)perylene	0.7	0.3		mg/Kg-dry	10	3/10/2005
Benzo(k)fluoranthene	0.52	0.3		mg/Kg-dry	10	3/10/2005
Chrysene	1.6	0.3		mg/Kg-dry	10	3/10/2005
Dibenz(a,h)anthracene	0.16	0.03		mg/Kg-dry	1	3/10/2005
Fluoranthene	3.6	0.3		mg/Kg-dry	10	3/10/2005
Fluorene	0.35	0.3		mg/Kg-dry	10	3/10/2005
Indeno(1,2,3-cd)pyrene	0.81	0.3		mg/Kg-dry	10	3/10/2005
Naphthalene	0.1	0.03		mg/Kg-dry	1	3/10/2005
Phenanthrene	2.5	0.3		mg/Kg-dry	10	3/10/2005
Pyrene	3	0.3		mg/Kg-dry	10	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0063		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0063		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0063		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.013		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.1			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	17.65	0.01	*	wt%	1	3/7/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
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HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-017

Client Sample ID: B-9 (0-3)
Collection Date: 3/3/2005 1:55:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.029		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	27	0.57		mg/Kg-dry	10	3/7/2005
Barium	82	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.57		mg/Kg-dry	10	3/7/2005
Chromium	13	1.1		mg/Kg-dry	10	3/7/2005
Lead	32	0.57		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	3/9/2005
Chrysene	ND	0.029		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	3/9/2005
Fluoranthene	0.03	0.029		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.029		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.029		mg/Kg-dry	1	3/9/2005
Phenanthrene	ND	0.029		mg/Kg-dry	1	3/9/2005
Pyrene	ND	0.029		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0046		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0046		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0092		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.1			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	13.22	0.01	*	wt%	1	3/7/2005

Qualifiers:
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-018

Client Sample ID: B-9 (9-11)
Collection Date: 3/3/2005 2:10:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	ND	0.029		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	6.6	0.56		mg/Kg-dry	10	3/7/2005
Barium	18	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.56		mg/Kg-dry	10	3/7/2005
Chromium	7.3	1.1		mg/Kg-dry	10	3/7/2005
Lead	8.2	0.56		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	ND	0.03		mg/Kg-dry	1	3/9/2005
Acenaphthylene	ND	0.03		mg/Kg-dry	1	3/9/2005
Anthracene	ND	0.03		mg/Kg-dry	1	3/9/2005
Benz(a)anthracene	0.044	0.03		mg/Kg-dry	1	3/9/2005
Benzo(a)pyrene	0.033	0.03		mg/Kg-dry	1	3/9/2005
Benzo(b)fluoranthene	ND	0.03		mg/Kg-dry	1	3/9/2005
Benzo(g,h,i)perylene	ND	0.03		mg/Kg-dry	1	3/9/2005
Benzo(k)fluoranthene	0.032	0.03		mg/Kg-dry	1	3/9/2005
Chrysene	0.043	0.03		mg/Kg-dry	1	3/9/2005
Dibenz(a,h)anthracene	ND	0.03		mg/Kg-dry	1	3/9/2005
Fluoranthene	0 081	0.03		mg/Kg-dry	1	3/9/2005
Fluorene	ND	0.03		mg/Kg-dry	1	3/9/2005
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg-dry	1	3/9/2005
Naphthalene	ND	0.03		mg/Kg-dry	1	3/9/2005
Phenanthrene	0.07	0.03		mg/Kg-dry	1	3/9/2005
Pyrene	0.067	0.03		mg/Kg-dry	1	3/9/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.011		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.2			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	16.35	0.01	*	wt%	1	3/7/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-019

Client Sample ID: B-10 (0-3)
Collection Date: 3/3/2005 2:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	0.04	0.029		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	22	0.56		mg/Kg-dry	10	3/7/2005
Barium	100	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.56		mg/Kg-dry	10	3/7/2005
Chromium	16	1.1		mg/Kg-dry	10	3/7/2005
Lead	69	0.56		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.21	0.029		mg/Kg-dry	1	3/10/2005
Acenaphthylene	0.093	0.029		mg/Kg-dry	1	3/10/2005
Anthracene	0.81	0.29		mg/Kg-dry	10	3/10/2005
Benz(a)anthracene	2.6	0.29		mg/Kg-dry	10	3/10/2005
Benzo(a)pyrene	1.3	0.29		mg/Kg-dry	10	3/10/2005
Benzo(b)fluoranthene	1.5	0.29		mg/Kg-dry	10	3/10/2005
Benzo(g,h,i)perylene	1.2	0.29		mg/Kg-dry	10	3/10/2005
Benzo(k)fluoranthene	0.95	0.29		mg/Kg-dry	10	3/10/2005
Chrysene	2.5	0.29		mg/Kg-dry	10	3/10/2005
Dibenz(a,h)anthracene	0.23	0.029		mg/Kg-dry	1	3/10/2005
Fluoranthene	4.7	2.9		mg/Kg-dry	100	3/10/2005
Fluorene	0.25	0.029		mg/Kg-dry	1	3/10/2005
Indeno(1,2,3-cd)pyrene	1.2	0.29		mg/Kg-dry	10	3/10/2005
Naphthalene	0.078	0.029		mg/Kg-dry	1	3/10/2005
Phenanthrene	2.8	0.29		mg/Kg-dry	10	3/10/2005
Pyrene	4.2	2.9		mg/Kg-dry	100	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	ND	0.0059		mg/Kg-dry	1	3/9/2005
Toluene	ND	0.0059		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.012		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.2			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	15.21	0.01	*	wt%	1	3/7/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503080
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503080-020

Client Sample ID: B-10 (6-9)
Collection Date: 3/3/2005 2:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7471A**			Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	0.031	0.029		mg/Kg-dry	1	3/9/2005
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	8.1	0.55		mg/Kg-dry	10	3/7/2005
Barium	57	1.1		mg/Kg-dry	10	3/7/2005
Cadmium	ND	0.55		mg/Kg-dry	10	3/7/2005
Chromium	21	1.1		mg/Kg-dry	10	3/7/2005
Lead	29	0.55		mg/Kg-dry	10	3/7/2005
Selenium	ND	1.1		mg/Kg-dry	10	3/7/2005
Silver	ND	1.1		mg/Kg-dry	10	3/7/2005
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **3/9/2005**		Analyst: **VS**
Acenaphthene	0.12	0.029		mg/Kg-dry	1	3/10/2005
Acenaphthylene	ND	0.029		mg/Kg-dry	1	3/10/2005
Anthracene	0.12	0.029		mg/Kg-dry	1	3/10/2005
Benz(a)anthracene	0.26	0.029		mg/Kg-dry	1	3/10/2005
Benzo(a)pyrene	0.079	0.029		mg/Kg-dry	1	3/10/2005
Benzo(b)fluoranthene	0.098	0.029		mg/Kg-dry	1	3/10/2005
Benzo(g,h,i)perylene	0.062	0.029		mg/Kg-dry	1	3/10/2005
Benzo(k)fluoranthene	0.074	0.029		mg/Kg-dry	1	3/10/2005
Chrysene	0.25	0.029		mg/Kg-dry	1	3/10/2005
Dibenz(a,h)anthracene	*ND*	*0.029*		*mg/Kg-dry*	*1*	3/10/2005
Fluoranthene	0.53	0.29		mg/Kg-dry	10	3/10/2005
Fluorene	0.12	0.029		mg/Kg-dry	1	3/10/2005
Indeno(1,2,3-cd)pyrene	0.063	0.029		mg/Kg-dry	1	3/10/2005
Naphthalene	0.2	0.029		mg/Kg-dry	1	3/10/2005
Phenanthrene	0.58	0.29		mg/Kg-dry	10	3/10/2005
Pyrene	0.46	0.29		mg/Kg-dry	10	3/10/2005
BTEX by GC/MS	**SW5035/8260B**			Prep Date: **3/8/2005**		Analyst: **PS**
Benzene	*0.0058*	*0.0047*		*mg/Kg-dry*	*1*	3/9/2005
Toluene	ND	0.0047		mg/Kg-dry	1	3/9/2005
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	3/9/2005
Xylenes, Total	ND	0.0095		mg/Kg-dry	1	3/9/2005
pH (25 °C)	**SW9045C**			Prep Date: **3/7/2005**		Analyst: **RW**
pH	8.6			pH Units	1	3/7/2005
Percent Moisture	**D2974**			Prep Date: **3/5/2005**		Analyst: **RW**
Percent Moisture	14.26	0.01	*	wt%	1	3/7/2005

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CHAIN OF CUSTODY RECORD

No.: 807967 Page: 1 of 1

Company: Environ of Illinois, Inc.
Project Number: 05-ENV-001 Client Tracking No.:
Project Name: Pritzker Park
Location/Address: State & Van Buren
Sampler(s): Tom Brechbiesen
Report To: Tom Brechbiesen Phone: 853-0580
QC Level: 1 2 3 4 Fax: 853-0311
Regulatory Program: NPEDS/MWRD RCRA SDWA SRP TACO Other:

P.O. No.:
Quote No.:

Turn Around: Standard
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOCs	SVOCs	Pesticides/PCBs	TAL Metals	BETX	PNAs	RCRA 8 Metals	pH	Remarks
B-1 (0-3)	3-3-05	7:15	Soil		✓	F	4					✓	✓	✓	✓	
B-1 (3-6)	3-3-05	7:20	Soil		✓	F	4					✓	✓	✓	✓	
B-2 (0-3)	3-3-05	8:00	Soil		✓	F	4	✓	✓	✓	✓				✓	
B-2 (4-9)	3-3-05	8:10	Soil		✓	F	4	✓	✓	✓	✓				✓	
B-3 (0-3)	3-3-05	8:25	Soil		✓	F	4					✓	✓	✓	✓	
B-3 (9-12)	3-3-05	8:45	Soil		✓	F	4					✓	✓	✓	✓	
B-4 (0-3)	3-3-05	9:20	Soil		✓	F	4					✓	✓	✓	✓	
B-4 (9-12)	3-3-05	10:00	Soil		✓	F	4					✓	✓	✓	✓	
B-5 (0-3)	3-3-05	10:35	Soil		✓	F	4					✓	✓	✓	✓	
B-5 (3-6)	3-3-05	10:45	Soil		✓	F	4					✓	✓	✓	✓	
B-6 (0-3)	3-3-05	11:20	Soil		✓	F	4					✓	✓	✓	✓	
B-6 (6-9)	3-3-05	11:45	Soil		✓	F	4					✓	✓	✓	✓	
B-7 (0-3)	3-3-05	12:35	Soil		✓	F	4					✓	✓	✓	✓	
B-7 (3-6)	3-3-05	12:45	Soil		✓	F	5					✓	✓	✓	✓	
B-8 (0-3)	3-3-05	13:10	Soil		✓	F	4					✓	✓	✓	✓	
B-8 (3-6)	3-3-05	13:15	Soil		✓	F	4					✓	✓	✓	✓	
B-9 (0-3)	3-3-05	13:55	Soil		✓	F	4					✓	✓	✓	✓	
B-9 (9-11)	3-3-05	14:10	Soil		✓	F	4					✓	✓	✓	✓	
B-10 (0-3)	3-3-05	14:25	Soil		✓	F	4					✓	✓	✓	✓	
B-10 (6-9)	3-3-05	14:40	Soil		✓	F	4					✓	✓	✓	✓	

Relinquished by: (Signature)		Date/Time: 3-3-05 17:00
Received by: (Signature)		Date/Time: 3-3-05 [illegible]
Relinquished by: (Signature)		Date/Time: 3-3-05 [illegible]
Received for lab by: (Signature)		Date/Time: 3/3/05 17:0
Relinquished by: (Signature)		Date/Time:

Preservation Code:
A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K&B

Date and Time Received: 03/03/2005

Work Order Numbe 0503080

Received by: JC

Checklist completed by: Jesus Cantera 3/3/05 (Signature / Date)

Reviewed by: _____ 3/14/05 (Initials / Date)

Matrix

Carrier name STAT Analysis

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 signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	*Temperature* 6 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples properly preserved/ pH checked?	Yes ☐	No ☐	

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

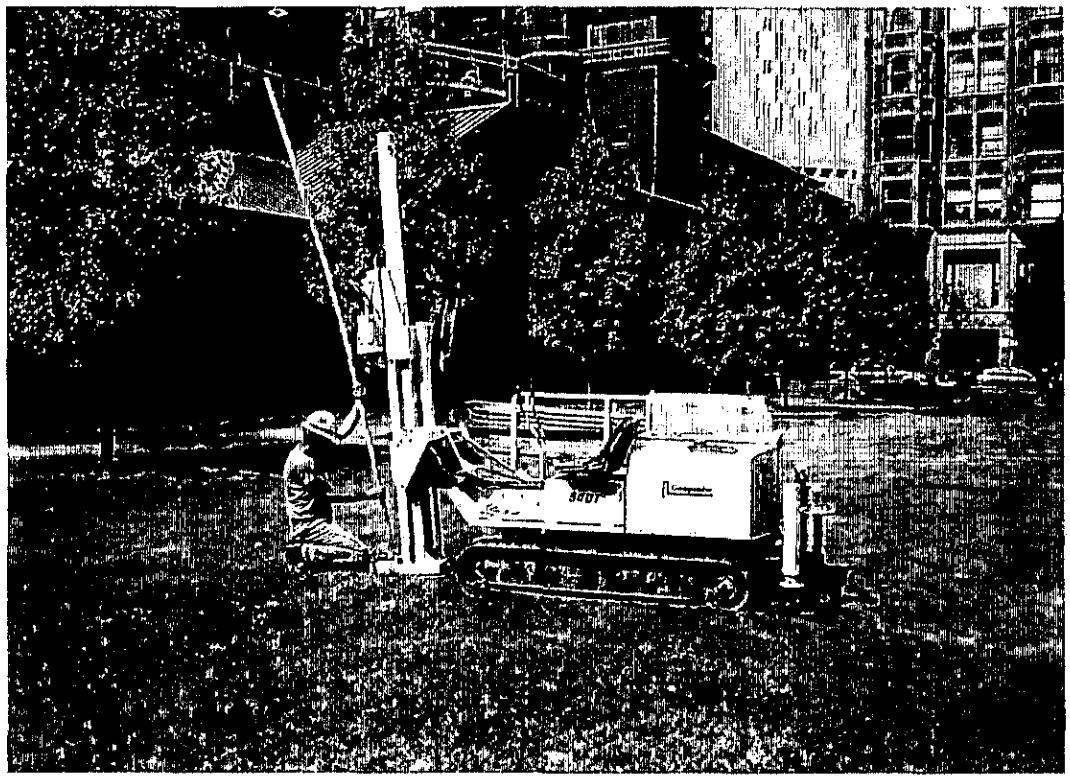
Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

APPENDIX F

Monitoring Well Installation Photographs
Monitoring Well Construction Logs



Installation of MW-4.

View of typical well installation activities.

Illinois Environmental Protection Agency **Well Completion Report**

Site Number: NA County: Cook

Site Name: Pritzker Park Well #: MW-1

State Plane Coordinate: X ____ Y ____ (or) Latitude: ____ ____ ____ Longitude: ____ ____ ____ Borehole #: B-2

Surveyed by: NA IL Registration #: NA

Drilling Contractor: Terra-Trace Environmental Driller: Dennis Limestall

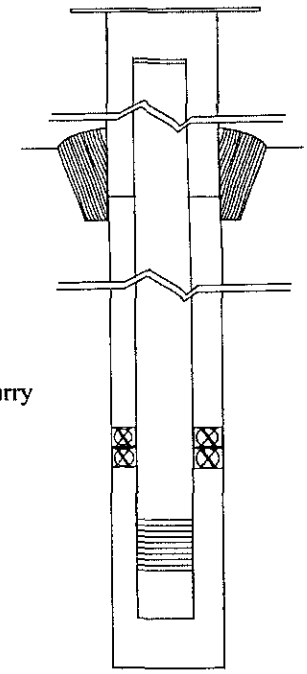
Consulting Firm: Kowalenko & Bilotti, Inc. Geologist: Tom Brecheisen

Drilling Method: Geoprobe Drilling Fluid (Type): NA

Logged By: Tom Brecheisen Date Started: 7-6-05 Date Finished: 7-6-05

Report Form Completed By: Tom Brecheisen Date: 8-5-05

ANNULAR SPACE DETAILS



	Elevations (MSL)*	Depths (BGS)	(.01ft.)
		0.00	Top of Protective Casing
		0.00'	Top of Riser Pipe
		0.00	Ground Surface
		1.00	Top of Annular Sealant
		NM	Static Water Level (*After Completion*)
			Top of Seal
			Top of Sand Pack
		-15.00'	Top of Screen
		-20.00'	Bottom of Screen
		-20.00'	Bottom of Well
		-20.00'	Bottom of Borehole

* Referenced to a National Geodetic Datum

Type of Surface Seal: Flush mount vault

Type of Annular Sealant: NA

Installation Method: Manual

Setting Time: NA

Type of Bentonite Seal - - Granular, Pellet, Slurry (Choose One)

Installation Method: Manual

Setting Time: NA

Type of Sand Pack: Quartz No. 5

Grain Size: 5 (Sieve Size)

Installation Method: Manual

Type of Backfill Material: NA (if applicable)

Installation Method: Geoprobe Dual Casing

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other

CASING MEASURMENTS

Diameter of Borehole (inches)	3.0
ID of Riser Pipe (inches)	1.0
Protective Casing Length (feet)	NA
Riser Pipe Length (feet)	15.0
Bottom of Screen to End Cap (feet)	0.0
Screen Length (1st slot to last slot) (feet)	5.0
Total Length of Casing (feet)	15.0
Screen Slot Size **	0.010

**Hand-Slotted Well Screens are Unacceptable

Illinois Environmental Protection Agency **Well Completion Report**

Site Number: NA County: Cook

Site Name: Pritzker Park Well #: MW-2

State Plane Coordinate: X ____ Y ____ (or) Latitude: ____ ____ ____ Longitude: ____ ____ ____ Borehole #: B-4

Surveyed by: NA IL Registration #: NA

Drilling Contractor: Terra-Trace Environmental Driller: Dennis Limestall

Consulting Firm: Kowalenko & Bilotti, Inc. Geologist: Tom Brecheisen

Drilling Method: Geoprobe Drilling Fluid (Type): NA

Logged By: Tom Brecheisen Date Started: 7-6-05 Date Finished: 7-6-05

Report Form Completed By: Tom Brecheisen Date: 8-5-05

ANNULAR SPACE DETAILS

Type of Surface Seal: Flush mount vault

Type of Annular Sealant: NA

Installation Method: Manual

Setting Time: NA

Type of Bentonite Seal - - Granular, Pellet, Slurry (Choose One)

Installation Method: Manual

Setting Time: NA

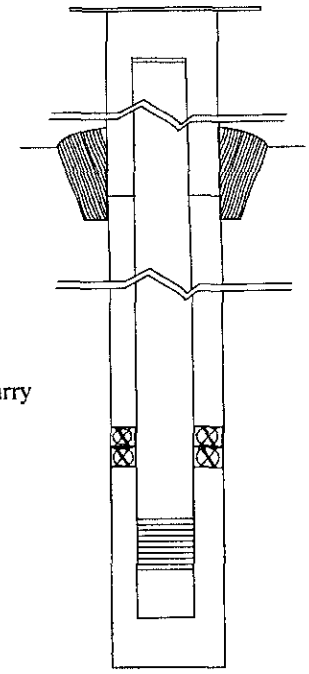
Type of Sand Pack: Quartz No. 5

Grain Size: 5 (Sieve Size)

Installation Method: Manual

Type of Backfill Material: NA (if applicable)

Installation Method: *Geoprobe Dual Casing*



	Elevations (MSL)*	Depths (BGS) (.01ft.)	
		0.00	Top of Protective Casing
		0.00'	Top of Riser Pipe
		0.00	Ground Surface
		1.00	Top of Annular Sealant
		NM	Static Water Level (After Completion)
			Top of Seal
			Top of Sand Pack
		-15.00'	Top of Screen
		-20.00'	Bottom of Screen
		-20.00'	Bottom of Well
		-20.00'	Bottom of Borehole

* Referenced to a National Geodetic Datum

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other

CASING MEASURMENTS

Diameter of Borehole (inches)	3.0
ID of Riser Pipe (inches)	1.0
Protective Casing Length (feet)	NA
Riser Pipe Length (feet)	15.0
Bottom of Screen to End Cap (feet)	0.0
Screen Length (1st slot to last slot) (feet)	5.0
Total Length of Casing (feet)	15.0
Screen Slot Size **	0.010

**Hand-Slotted Well Screens are Unacceptable

Illinois Environmental Protection Agency **Well Completion Report**

Site Number: NA County: Cook

Site Name: Pritzker Park Well #: MW-3

State Plane Coordinate: X ____ Y ____ (or) Latitude: ____ ____ ____ Longitude: ____ ____ ____ Borehole #: B-5

Surveyed by: NA IL Registration #: NA

Drilling Contractor: Terra-Trace Environmental Driller: Dennis Limestall

Consulting Firm: Kowalenko & Bilotti, Inc. Geologist: Tom Brecheisen

Drilling Method: Geoprobe Drilling Fluid (Type): NA

Logged By: Tom Brecheisen Date Started: 7-6-05 Date Finished: 7-6-05

Report Form Completed By: Tom Brecheisen Date: 8-5-05

ANNULAR SPACE DETAILS

Type of Surface Seal: Flush mount vault

Type of Annular Sealant: NA

Installation Method: Manual

Setting Time: NA

Type of Bentonite Seal - - Granular, Pellet, Slurry (Choose One)

Installation Method: Manual

Setting Time: NA

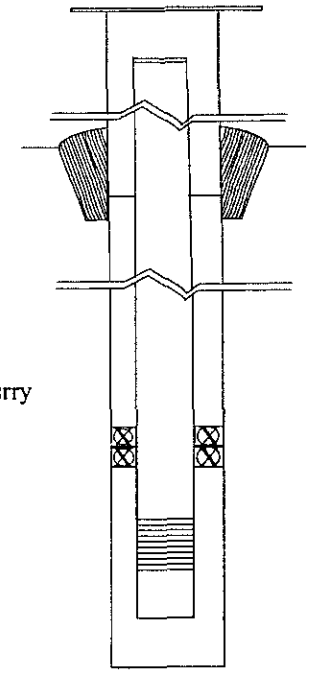
Type of Sand Pack: Quartz No. 5

Grain Size: 5 (Sieve Size)

Installation Method: Manual

Type of Backfill Material: NA (if applicable)

Installation Method: Geoprobe Dual Casing



	Elevations (MSL)*	Depths (BGS)	(.01ft.)
		0.00	Top of Protective Casing
		0.00'	Top of Riser Pipe
		0.00	Ground Surface
		1.00	Top of Annular Sealant
		NM	Static Water Level (After Completion)
			Top of Seal
			Top of Sand Pack
		-15.00'	Top of Screen
		-20.00'	Bottom of Screen
		-20.00'	Bottom of Well
		-20.00'	Bottom of Borehole

* Referenced to a National Geodetic Datum

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other

CASING MEASURMENTS

Diameter of Borehole (inches)	3.0
ID of Riser Pipe (inches)	1.0
Protective Casing Length (feet)	NA
Riser Pipe Length (feet)	15.0
Bottom of Screen to End Cap (feet)	0.0
Screen Length (1st slot to last slot) (feet)	5.0
Total Length of Casing (feet)	15.0
Screen Slot Size **	0.010

**Hand-Slotted Well Screens are Unacceptable

Illinois Environmental Protection Agency **Well Completion Report**

Site Number: NA County: Cook

Site Name: Pritzker Park Well #: MW-4

State Plane Coordinate: X ____ Y ____ (or) Latitude: ____ ____ ____ Longitude: ____ ____ ____ Borehole #: B-8

Surveyed by: NA IL Registration #: NA

Drilling Contractor: Terra-Trace Environmental Driller: Dennis Limestall

Consulting Firm: Kowalenko & Bilotti, Inc. Geologist: Tom Brecheisen

Drilling Method: Geoprobe Drilling Fluid (Type): NA

Logged By: Tom Brecheisen Date Started: 7-6-05 Date Finished: 7-6-05

Report Form Completed By: Tom Brecheisen Date: 8-5-05

ANNULAR SPACE DETAILS

Type of Surface Seal: Flush mount vault

Type of Annular Sealant: NA

Installation Method: Manual

Setting Time: NA

Type of Bentonite Seal - - Granular, Pellet, Slurry (Choose One)

Installation Method: Manual

Setting Time: NA

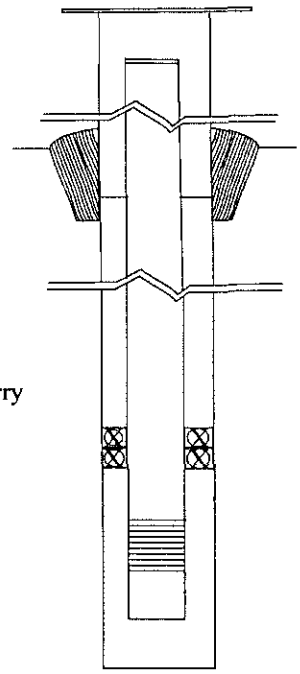
Type of Sand Pack: Quartz No. 5

Grain Size: 5 (Sieve Size)

Installation Method: Manual

Type of Backfill Material: NA (if applicable)

Installation Method: Geoprobe Dual Casing



	Elevations (MSL)*	Depths (BGS)	(.01ft.)
		0.00	Top of Protective Casing
		0.00'	Top of Riser Pipe
		0.00	Ground Surface
		1.00	Top of Annular Sealant
		NM	Static Water Level (After Completion)
			Top of Seal
			Top of Sand Pack
		-15.00'	Top of Screen
		-20.00'	Bottom of Screen
		-20.00'	Bottom of Well
		-20.00'	Bottom of Borehole

* Referenced to a National Geodetic Datum

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other

CASING MEASURMENTS

Diameter of Borehole (inches)	3.0
ID of Riser Pipe (inches)	1.0
Protective Casing Length (feet)	NA
Riser Pipe Length (feet)	15.0
Bottom of Screen to End Cap (feet)	0.0
Screen Length (1st slot to last slot) (feet)	5.0
Total Length of Casing (feet)	15.0
Screen Slot Size **	0.010

**Hand-Slotted Well Screens are Unacceptable

Illinois Environmental Protection Agency **Well Completion Report**

Site Number: NA County: Cook

Site Name: Pritzker Park Well #: MW-5

State Plane Coordinate: X ____ Y ____ (or) Latitude: ____ ____ ____ Longitude: ____ ____ ____ Borehole #: B-10

Surveyed by: NA IL Registration #: NA

Drilling Contractor: Terra-Trace Environmental Driller: Dennis Limestall

Consulting Firm: Kowalenko & Bilotti, Inc. Geologist: Tom Brecheisen

Drilling Method: Geoprobe Drilling Fluid (Type): NA

Logged By: Tom Brecheisen Date Started: 7-6-05 Date Finished: 7-6-05

Report Form Completed By: Tom Brecheisen Date: 8-5-05

ANNULAR SPACE DETAILS

Type of Surface Seal: Flush mount vault

Type of Annular Sealant: NA

Installation Method: Manual

Setting Time: NA

Type of Bentonite Seal - - Granular, Pellet, Slurry (Choose One)

Installation Method: Manual

Setting Time: NA

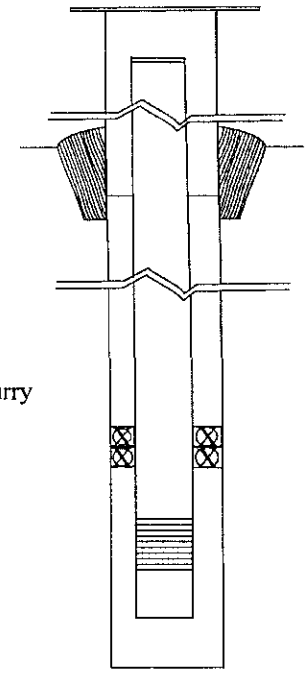
Type of Sand Pack: Quartz No. 5

Grain Size: 5 (Sieve Size)

Installation Method: Manual

Type of Backfill Material: NA (if applicable)

Installation Method: Geoprobe Dual Casing



	Elevations (MSL)*	Depths (BGS) (.01ft.)	
		0.00	Top of Protective Casing
		0.00'	Top of Riser Pipe
		0.00	Ground Surface
		1.00	Top of Annular Sealant
		NM	Static Water Level (After Completion)
			Top of Seal
			Top of Sand Pack
		-15.00'	Top of Screen
		-20.00'	Bottom of Screen
		-20.00'	Bottom of Well
		-20.00'	Bottom of Borehole

* Referenced to a National Geodetic Datum

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other

CASING MEASURMENTS

Diameter of Borehole (inches)	3.0
ID of Riser Pipe (inches)	1.0
Protective Casing Length (feet)	NA
Riser Pipe Length (feet)	15.0
Bottom of Screen to End Cap (feet)	0.0
Screen Length (1st slot to last slot) (feet)	5.0
Total Length of Casing (feet)	15.0
Screen Slot Size **	0.010

**Hand-Slotted Well Screens are Unacceptable

APPENDIX G

Groundwater Analytical Results

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

July 31, 2005

Kowalenko & Bilotti, Inc.
118 N. Peoria
Suite 5N
Chicago, IL 60607
Telephone: (312) 853-0500
Fax: (312) 853-0311

RE: 05-ENV-001, Pritzker Park, State/Van Buren STAT Project No: 0507703

Dear Tom Brecheisen:

STAT Analysis received 5 samples for the referenced project on 7/22/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

MO

STAT Analysis Corporation

Date: July 31, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State/Van Buren
Lab Order: 0507703

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0507703-001A	MW-1		7/21/2005 11:30:00 AM	7/22/2005
0507703-002A	MW-2		7/21/2005 11:50:00 AM	7/22/2005
0507703-003A	MW-3		7/21/2005 11:15:00 AM	7/22/2005
0507703-004A	MW-4		7/21/2005 11:40:00 AM	7/22/2005
0507703-005A	MW-5		7/21/2005 12:00:00 PM	7/22/2005

STAT Analysis Corporation

Date: *July 31, 2005*

CLIENT:	Kowalenko & Bilotti, Inc.
Project:	05-ENV-001, Pritzker Park, State/Van Buren
Lab Order:	0507703

CASE NARRATIVE

The PNA method blank (MB-15690) had high surrogate recovery for Nitrobenzene-d5 (Recovery 117%, Limits 35-114%)

STAT Analysis Corporation
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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

Report Date: July 31, 2005
Print Date: July 31, 2005

Client:	Kowalenko & Bilotti, Inc.	**Client Sample ID:**	MW-1
Lab Order:	0507703	**Tag Number:**	
Project:	05-ENV-001, Pritzker Park, State/Van Buren	**Collection Date:**	7/21/2005 11:30:00 AM
Lab ID:	0507703-001A	**Matrix:**	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3520C)**			Prep Date: **7/27/2005**		Analyst: **VS**
Acenaphthene	ND	0.0002		mg/L	1	7/29/2005
Acenaphthylene	ND	0.0002		mg/L	1	7/29/2005
Anthracene	ND	0.0002		mg/L	1	7/29/2005
Benz(a)anthracene	ND	0.00013		mg/L	1	7/29/2005
Benzo(a)pyrene	ND	0.0002		mg/L	1	7/29/2005
Benzo(b)fluoranthene	ND	0.00018		mg/L	1	7/29/2005
Benzo(g,h,i)perylene	ND	0.0001		mg/L	1	7/29/2005
Benzo(k)fluoranthene	ND	0.00017		mg/L	1	7/29/2005
Chrysene	ND	0.0001		mg/L	1	7/29/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	7/29/2005
Fluoranthene	ND	0.0002		mg/L	1	7/29/2005
Fluorene	ND	0.0002		mg/L	1	7/29/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	7/29/2005
Naphthalene	ND	0.0001		mg/L	1	7/29/2005
Phenanthrene	ND	0.0002		mg/L	1	7/29/2005
Pyrene	ND	0.0002		mg/L	1	7/29/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

Report Date: July 31, 2005
Print Date: July 31, 2005

Client:	Kowalenko & Bilotti, Inc.	**Client Sample ID:**	MW-2
Lab Order:	0507703	**Tag Number:**	
Project:	05-ENV-001, Pritzker Park, State/Van Buren	**Collection Date:**	7/21/2005 11:50:00 AM
Lab ID:	0507703-002A	**Matrix:**	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3520C)**			Prep Date: **7/27/2005**		Analyst: **VS**
Acenaphthene	ND	0.0002		mg/L	1	7/28/2005
Acenaphthylene	ND	0.0002		mg/L	1	7/28/2005
Anthracene	ND	0.0002		mg/L	1	7/28/2005
Benz(a)anthracene	ND	0.00013		mg/L	1	7/28/2005
Benzo(a)pyrene	ND	0.0002		mg/L	1	7/28/2005
Benzo(b)fluoranthene	ND	0.00018		mg/L	1	7/28/2005
Benzo(g,h,i)perylene	ND	0.0001		mg/L	1	7/28/2005
Benzo(k)fluoranthene	ND	0.00017		mg/L	1	7/28/2005
Chrysene	ND	0.0001		mg/L	1	7/28/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	7/28/2005
Fluoranthene	ND	0.0002		mg/L	1	7/28/2005
Fluorene	ND	0.0002		mg/L	1	7/28/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	7/28/2005
Naphthalene	ND	0.0001		mg/L	1	7/28/2005
Phenanthrene	ND	0.0002		mg/L	1	7/28/2005
Pyrene	ND	0.0002		mg/L	1	7/28/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

Report Date: July 31, 2005
Print Date: July 31, 2005

Client:	Kowalenko & Bilotti, Inc.	**Client Sample ID:**	MW-3
Lab Order:	0507703	**Tag Number:**	
Project:	05-ENV-001, Pritzker Park, State/Van Buren	**Collection Date:**	7/21/2005 11:15:00 AM
Lab ID:	0507703-003A	**Matrix:**	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3520C)**			Prep Date: **7/27/2005**		Analyst: **VS**
Acenaphthene	ND	0.0002		mg/L	1	7/28/2005
Acenaphthylene	ND	0.0002		mg/L	1	7/28/2005
Anthracene	ND	0.0002		mg/L	1	7/28/2005
Benz(a)anthracene	ND	0.00013		mg/L	1	7/28/2005
Benzo(a)pyrene	ND	0.0002		mg/L	1	7/28/2005
Benzo(b)fluoranthene	ND	0.00018		mg/L	1	7/28/2005
Benzo(g,h,i)perylene	ND	0.0001		mg/L	1	7/28/2005
Benzo(k)fluoranthene	ND	0.00017		mg/L	1	7/28/2005
Chrysene	ND	0.0001		mg/L	1	7/28/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	7/28/2005
Fluoranthene	ND	0.0002		mg/L	1	7/28/2005
Fluorene	ND	0.0002		mg/L	1	7/28/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	7/28/2005
Naphthalene	ND	0.0001		mg/L	1	7/28/2005
Phenanthrene	ND	0.0002		mg/L	1	7/28/2005
Pyrene	ND	0.0002		mg/L	1	7/28/2005

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

STAT Analysis Corporation
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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

Report Date: July 31, 2005
Print Date: July 31, 2005

Client:	Kowalenko & Bilotti, Inc.	**Client Sample ID:**	MW-4
Lab Order:	0507703	**Tag Number:**	
Project:	05-ENV-001, Pritzker Park, State/Van Buren	**Collection Date:**	7/21/2005 11:40:00 AM
Lab ID:	0507703-004A	**Matrix:**	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3520C)**			Prep Date: **7/27/2005**		Analyst: **VS**
Acenaphthene	ND	0.0002		mg/L	1	7/28/2005
Acenaphthylene	ND	0.0002		mg/L	1	7/28/2005
Anthracene	ND	0.0002		mg/L	1	7/28/2005
Benz(a)anthracene	ND	0.00013		mg/L	1	7/28/2005
Benzo(a)pyrene	ND	0.0002		mg/L	1	7/28/2005
Benzo(b)fluoranthene	ND	0.00018		mg/L	1	7/28/2005
Benzo(g,h,i)perylene	ND	0.0001		mg/L	1	7/28/2005
Benzo(k)fluoranthene	ND	0.00017		mg/L	1	7/28/2005
Chrysene	ND	0.0001		mg/L	1	7/28/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	7/28/2005
Fluoranthene	ND	0.0002		mg/L	1	7/28/2005
Fluorene	ND	0.0002		mg/L	1	7/28/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	7/28/2005
Naphthalene	ND	0.0001		mg/L	1	7/28/2005
Phenanthrene	ND	0.0002		mg/L	1	7/28/2005
Pyrene	ND	0.0002		mg/L	1	7/28/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2255 West Harrison St., Suite B, Chicago, IL 60612-3505
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

Report Date: July 31, 2005
Print Date: July 31, 2005

Client:	Kowalenko & Bilotti, Inc.	**Client Sample ID:**	MW-5
Lab Order:	0507703	**Tag Number:**	
Project:	05-ENV-001, Pritzker Park, State/Van Buren	**Collection Date:**	7/21/2005 12:00:00 PM
Lab ID:	0507703-005A	**Matrix:**	Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3520C)**		Prep Date: **7/27/2005**		Analyst: **VS**	
Acenaphthene	ND	0.0002		mg/L	1	7/28/2005
Acenaphthylene	ND	0.0002		mg/L	1	7/28/2005
Anthracene	ND	0.0002		mg/L	1	7/28/2005
Benz(a)anthracene	ND	0.00013		mg/L	1	7/28/2005
Benzo(a)pyrene	ND	0.0002		mg/L	1	7/28/2005
Benzo(b)fluoranthene	ND	0.00018		mg/L	1	7/28/2005
Benzo(g,h,i)perylene	ND	0.0001		mg/L	1	7/28/2005
Benzo(k)fluoranthene	ND	0.00017		mg/L	1	7/28/2005
Chrysene	ND	0.0001		mg/L	1	7/28/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	7/28/2005
Fluoranthene	ND	0.0002		mg/L	1	7/28/2005
Fluorene	ND	0.0002		mg/L	1	7/28/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	7/28/2005
Naphthalene	ND	0.0001		mg/L	1	7/28/2005
Phenanthrene	ND	0.0002		mg/L	1	7/28/2005
Pyrene	ND	0.0002		mg/L	1	7/28/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

CHAIN OF CUSTODY RECORD

Nº: 806009 Page: 1 of 1

Company: Kuwalenko & Biletti, Inc.
Project Number: 05-ENV-001 Client Tracking No.:
Project Name: Pritzker Park
Location/Address: State / Van Buren
Sampler(s): Tom Brecheisen
Report To: Tom Brecheisen Phone: 312-853-0500
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ Fax: 312-853-0311
Regulatory Program: NPEDS/MWRD RCRA SDWA (SRP) TACO Other: ______

P.O. No.:
Quote No.:

Turn Around: Std.
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	PNAs	Remarks	Lab No.:
MW-1	7-21-05	11:30	W		✓	A	1	✓		001
MW-2	7-21-05	11:50	W		✓	A	1	✓		002
MW-3	7-21-05	11:15	W		✓	A	1	✓		003
MW-4	7-21-05	11:40	W		✓	A	1	✓		004
MW-5	7-21-05	12:00	W		✓	A	1	✓		005

Relinquished by: (Signature)	Thomas A. Brecheisen	Date/Time: 7-22-05/2:09
Received by: (Signature)	[signature]	Date/Time: 7-22-05 2100
Relinquished by: (Signature)	[signature]	Date/Time: 7-22-05
Received for lab by: (Signature)	[signature]	Date/Time: 7/22/05
Relinquished by: (Signature)		Date/Time:

Laboratory Use: Sample Verification:

	Yes	No
Container OK	X	
Samples Leaking		X
Refrigerated (Temp: 5 °C)	X	
Sample Labels Match Sample ID	X	

Work Order No.: 0507703

Preservation Code:
A = None B – HNO_3 C – NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K&B

Date and Time Received: 07/22/2005

Work Order Numbe 0507703

Received by: JC

Checklist completed by: Jesus Cant 7/22/05 (Signature / Date)

Reviewed by: [initials] 7/31/05 (Initials / Date)

Matrix

Carrier name STAT Analysis

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 signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 5 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples properly preserved/ pH checked?	Yes ☐	No ☐	

Adjusted? ____ Checked by ____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted Date contacted: Person contacted

Contacted by: Regarding

Comments:

Corrective Action

STAT Analysis Corporation
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July 28, 2005

Kowalenko & Bilotti, Inc.
118 N. Peoria
Suite 5N
Chicago, IL 60607
Telephone: (312) 853-0500
Fax: (312) 853-0311

RE: 05-ENV-001, Pritzker Park, State/Van Buren STAT Project No: 0507638

Dear Tom Brecheisen:

STAT Analysis received 5 samples for the referenced project on 7/20/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

MD

STAT Analysis Corporation

Date: July 28, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State/Van Buren
Lab Order: 0507638

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0507638-001A	MW-1		7/20/2005 9:05:00 AM	7/20/2005
0507638-002A	MW-2		7/20/2005 10:10:00 AM	7/20/2005
0507638-003A	MW-3		7/20/2005 9:55:00 AM	7/20/2005
0507638-004A	MW-4		7/20/2005 9:15:00 AM	7/20/2005
0507638-005A	MW-5		7/20/2005 9:40:00 AM	7/20/2005

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 10248; NVLAP LabCode 101202-0

Date Reported: July 28, 2005
Date Printed: July 28, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State/Van Buren **Lab Order:** 0507638

Lab ID: 0507638-001 **Collection Date:** 7/20/2005 9:05:00 AM
Client Sample ID: MW-1 **Matrix:** Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7470A**			Prep Date: **7/21/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	7/21/2005
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **7/25/2005**		Analyst: **JG**
Chromium	0.0095	0.008		mg/L	2	7/25/2005
Iron	10	0.1		mg/L	2	7/25/2005
Lead	0.0043	0.002		mg/L	2	7/25/2005
Manganese	0.4	0.004		mg/L	2	7/25/2005

Lab ID: 0507638-002 **Collection Date:** 7/20/2005 10:10:00 AM
Client Sample ID: MW-2 **Matrix:** Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7470A**			Prep Date: **7/21/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	7/21/2005
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **7/25/2005**		Analyst: **JG**
Chromium	0.012	0.008		mg/L	2	7/25/2005
Iron	3.8	0.1		mg/L	2	7/25/2005
Lead	0.009	0.002		mg/L	2	7/25/2005
Manganese	0.26	0.004		mg/L	2	7/25/2005

Lab ID: 0507638-003 **Collection Date:** 7/20/2005 9:55:00 AM
Client Sample ID: MW-3 **Matrix:** Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	**SW7470A**			Prep Date: **7/21/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	7/21/2005
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **7/25/2005**		Analyst: **JG**
Chromium	0.011	0.008		mg/L	2	7/25/2005
Iron	8.1	0.1		mg/L	2	7/25/2005
Lead	0.0049	0.002		mg/L	2	7/25/2005
Manganese	0.33	0.004		mg/L	2	7/25/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: July 28, 2005
Date Printed: July 28, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State/Van Buren **Lab Order:** 0507638

Lab ID: 0507638-004 **Collection Date:** 7/20/2005 9:15:00 AM
Client Sample ID: MW-4 **Matrix:** Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury		**SW7470A**		Prep Date: **7/21/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	7/21/2005
Metals by ICP/MS		**SW6020 (SW3005A)**		Prep Date: **7/25/2005**		Analyst: **JG**
Chromium	0.011	0.008		mg/L	2	7/25/2005
Iron	6.8	0.1		mg/L	2	7/25/2005
Lead	0.032	0.002		mg/L	2	7/25/2005
Manganese	1.1	0.004		mg/L	2	7/25/2005

Lab ID: 0507638-005 **Collection Date:** 7/20/2005 9:40:00 AM
Client Sample ID: MW-5 **Matrix:** Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury		**SW7470A**		Prep Date: **7/21/2005**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	7/21/2005
Metals by ICP/MS		**SW6020 (SW3005A)**		Prep Date: **7/25/2005**		Analyst: **JG**
Chromium	0.013	0.008		mg/L	2	7/25/2005
Iron	8.8	0.1		mg/L	2	7/25/2005
Lead	0.0036	0.002		mg/L	2	7/25/2005
Manganese	1	0.004		mg/L	2	7/25/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation

2255 W Harrison St., Suite B, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com AIHA 10248, NVLAP 101202-0, NEALP 100445

CHAIN OF CUSTODY RECORD

No.: 809483 — Page: 1 of 1

Company: Kowalenko + Bilotti, Inc.
Project Number: 05-ENV-001 — Client Tracking No.:
Project Name: Pritzker Park
Location/Address: State / Van Buren
Sampler(s): Tom Brecheisen
Report To: Tom Brecheisen — Phone: 312 853 0500
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ — Fax: 312 853 0311
Regulatory Program: NPEDS/MWRD RCRA SDWA (SRP circled) TACO Other:

P.O. No.:
Quote No.:

Turn Around: Std.
Results Needed: / / am/pm

Client Sample Number/Description	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Chromium (total)	Lead	Iron	Mercury	Manganese	Remarks	Lab No.
MW-1	7-20-05	9:05	W		✓	B	1	✓	✓	✓	✓	✓		001
MW-2	7-20-05	10:10	W		✓	B	1	✓	✓	✓	✓	✓		002
MW-3	7-20-05	9:55	W		✓	B	1	✓	✓	✓	✓	✓		003
MW-4	7-20-05	9:15	W		✓	B	1	✓	✓	✓	✓	✓		004
MW-5	7-21-05	9:40	W		✓	B	1	✓	✓	✓	✓	✓		005

Relinquished by: (Signature) [signature] — Date/Time: 7-20-05/18:…
Received by: (Signature) [signature] — Date/Time: 7-20-05/6:10
Relinquished by: (Signature) [signature] — Date/Time: 7-20-05/…
Received for lab by: (Signature) [signature] — Date/Time: 7/20/05 18…
Relinquished by: (Signature) — Date/Time:

Laboratory Use: — **Sample Verification:**
Container OK: Yes ☒ No ☐
Samples Leaking: Yes ☐ No ☒
Refrigerated (Temp: 5 °C): Yes ☒ No ☐
Sample Labels Match Sample ID: Yes ☒ No ☐

Work Order No.: 0507638

Preservation Code:
A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K&B

Date and Time Received: 07/20/2005

Work Order Numbe 0507638

Received by: JC

Checklist completed by: Jesus Cast (Signature) 7/20/05 (Date)

Reviewed by: ac (Initials) 7/28/05 (Date)

Matrix

Carrier name STAT Analysis

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 signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 5 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - Samples properly preserved/ pH checked?	Yes ☑	No ☐	

Adjusted? NO Checked by JC

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

March 14, 2005

Kowalenko & Bilotti, Inc.
118 N. Peoria
Suite 5N
Chicago, IL 60607
Telephone: (312) 853-0500
Fax: (312) 853-0311

RE: 05-ENV-001, Pritzker Park, State & Van Buren STAT Project No: 0503079

Dear Tom Brecheisen:

STAT Analysis received 3 samples for the referenced project on 3/3/2005. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC part 186 (Accreditation #100445). Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 563-0371.

Sincerely,

Craig Chawla
Project Manager

STAT Analysis Corporation

Date: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab Order: 0503079

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0503079-001A	TMW-3		3/3/2005 12:20:00 PM	3/3/2005
0503079-001B	TMW-3		3/3/2005 12:20:00 PM	3/3/2005
0503079-001C	TMW-3		3/3/2005 12:20:00 PM	3/3/2005
0503079-002A	TMW-4		3/3/2005 2:50:00 PM	3/3/2005
0503079-002B	TMW-4		3/3/2005 2:50:00 PM	3/3/2005
0503079-002D	TMW-4		3/3/2005 2:50:00 PM	3/3/2005
0503079-003A	TMW-5		3/3/2005 3:00:00 PM	3/3/2005

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Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503079
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503079-001

Client Sample ID: TMW-3
Collection Date: 3/3/2005 12:20:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury		**SW7470A**		Prep Date: **3/9/2005**		Analyst: **LB**
Mercury	0.001	0.00025		mg/L	1	3/9/2005
Metals by ICP/MS		**SW6020 (SW3005A)**		Prep Date: **3/4/2005**		Analyst: **JG**
Arsenic	0.046	0.004		mg/L	2	3/4/2005
Barium	1.6	0.004		mg/L	2	3/4/2005
Cadmium	0.0027	0.002		mg/L	2	3/4/2005
Chromium	0.11	0.004		mg/L	2	3/4/2005
Lead	1	0.02		mg/L	2	3/4/2005
Selenium	0.0045	0.004		mg/L	2	3/4/2005
Silver	ND	0.004		mg/L	2	3/4/2005
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3510C)**		Prep Date: **3/7/2005**		Analyst: **VS**
Acenaphthene	0.00073	0.0002		mg/L	1	3/8/2005
Acenaphthylene	ND	0.0002		mg/L	1	3/8/2005
Anthracene	0.00029	0.0002		mg/L	1	3/8/2005
Benz(a)anthracene	0.00027	0.00013		mg/L	1	3/8/2005
Benzo(a)pyrene	0.00021	0.0002		mg/L	1	3/8/2005
Benzo(b)fluoranthene	0.00025	0.00018		mg/L	1	3/8/2005
Benzo(g,h,i)perylene	0.0001	0.0001		mg/L	1	3/8/2005
Benzo(k)fluoranthene	0.00017	0.00017		mg/L	1	3/8/2005
Chrysene	0.00029	0.0001		mg/L	1	3/8/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	3/8/2005
Fluoranthene	0.00082	0.0002		mg/L	1	3/8/2005
Fluorene	0.00045	0.0002		mg/L	1	3/8/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	3/8/2005
Naphthalene	0.00068	0.0001		mg/L	1	3/8/2005
Phenanthrene	0.0013	0.0002		mg/L	1	3/8/2005
Pyrene	0.00065	0.0002		mg/L	1	3/8/2005
BTEX by GC/MS		**SW8260B (SW5030B)**		Prep Date:		Analyst: **PS**
Benzene	ND	0.005		mg/L	1	3/8/2005
Toluene	ND	0.005		mg/L	1	3/8/2005
Ethylbenzene	ND	0.005		mg/L	1	3/8/2005
Xylenes, Total	ND	0.01		mg/L	1	3/8/2005

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 563-0371 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Laboratory Accreditation Numbers : IEPA NELAP 100445 ; AIHA 10248 ; NVLAP 101202-0

Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503079
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503079-002

Client Sample ID: TMW-4
Collection Date: 3/3/2005 2:50:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3510C)**		Prep Date: **3/8/2005**		Analyst: **ERP**
Aroclor 1016	ND	0.0005		mg/L	1	3/8/2005
Aroclor 1221	ND	0.0005		mg/L	1	3/8/2005
Aroclor 1232	ND	0.0005		mg/L	1	3/8/2005
Aroclor 1242	ND	0.0005		mg/L	1	3/8/2005
Aroclor 1248	ND	0.0005		mg/L	1	3/8/2005
Aroclor 1254	ND	0.0005		mg/L	1	3/8/2005
Aroclor 1260	ND	0.0005		mg/L	1	3/8/2005
Pesticides		**SW8081 (SW3510C)**		Prep Date: **3/8/2005**		Analyst: **ERP**
4,4'-DDD	ND	0.0001		mg/L	1	3/8/2005
4,4'-DDE	ND	0.0001		mg/L	1	3/8/2005
4,4'-DDT	ND	0.0001		mg/L	1	3/8/2005
Aldrin	ND	0.00005		mg/L	1	3/8/2005
alpha-BHC	ND	0.00005		mg/L	1	3/8/2005
alpha-Chlordane	0.00005	0.00005		mg/L	1	3/8/2005
beta-BHC	ND	0.00005		mg/L	1	3/8/2005
Chlordane	ND	0.0005		mg/L	1	3/8/2005
delta-BHC	ND	0.00005		mg/L	1	3/8/2005
Dieldrin	ND	0.0001		mg/L	1	3/8/2005
Endosulfan I	ND	0.00005		mg/L	1	3/8/2005
Endosulfan II	ND	0.0001		mg/L	1	3/8/2005
Endosulfan sulfate	ND	0.0001		mg/L	1	3/8/2005
Endrin	ND	0.0001		mg/L	1	3/8/2005
Endrin aldehyde	ND	0.0001		mg/L	1	3/8/2005
Endrin ketone	ND	0.0001		mg/L	1	3/8/2005
gamma-BHC	ND	0.00005		mg/L	1	3/8/2005
gamma-Chlordane	ND	0.00005		mg/L	1	3/8/2005
Heptachlor	ND	0.00005		mg/L	1	3/8/2005
Heptachlor epoxide	ND	0.00005		mg/L	1	3/8/2005
Methoxychlor	ND	0.00005		mg/L	1	3/8/2005
Toxaphene *	ND	0.001		mg/L	1	3/8/2005
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3510C)**		Prep Date: **3/7/2005**		Analyst: **VS**
Acenaphthene	ND	0.0002		mg/L	1	3/8/2005
Acenaphthylene	ND	0.0002		mg/L	1	3/8/2005
Anthracene	ND	0.0002		mg/L	1	3/8/2005
Benz(a)anthracene	ND	0.00013		mg/L	1	3/8/2005
Benzo(a)pyrene	ND	0.0002		mg/L	1	3/8/2005
Benzo(b)fluoranthene	ND	0.00018		mg/L	1	3/8/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503079
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503079-002

Client Sample ID: TMW-4
Collection Date: 3/3/2005 2:50:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3510C)**		Prep Date: **3/7/2005**		Analyst: **VS**
Benzo(g,h,i)perylene	ND	0.0001		mg/L	1	3/8/2005
Benzo(k)fluoranthene	ND	0.00017		mg/L	1	3/8/2005
Chrysene	ND	0.0001		mg/L	1	3/8/2005
Dibenz(a,h)anthracene	ND	0.0001		mg/L	1	3/8/2005
Fluoranthene	ND	0.0002		mg/L	1	3/8/2005
Fluorene	ND	0.0002		mg/L	1	3/8/2005
Indeno(1,2,3-cd)pyrene	ND	0.0001		mg/L	1	3/8/2005
Naphthalene	0.00014	0.0001		mg/L	1	3/8/2005
Phenanthrene	ND	0.0002		mg/L	1	3/8/2005
Pyrene	ND	0.0002		mg/L	1	3/8/2005
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3510C)**		Prep Date: **3/7/2005**		Analyst: **VS**
1,2,4-Trichlorobenzene	ND	0.005		mg/L	1	3/9/2005
1,2-Dichlorobenzene	ND	0.005		mg/L	1	3/9/2005
1,3-Dichlorobenzene	ND	0.005		mg/L	1	3/9/2005
1,4-Dichlorobenzene	ND	0.005		mg/L	1	3/9/2005
2, 2'-oxybis(1-Chloropropane	ND	0.005		mg/L	1	3/9/2005
2,4,5-Trichlorophenol	ND	0.005		mg/L	1	3/9/2005
2,4,6-Trichlorophenol	ND	0.005		mg/L	1	3/9/2005
2,4-Dichlorophenol	ND	0.005		mg/L	1	3/9/2005
2,4-Dimethylphenol	ND	0.005		mg/L	1	3/9/2005
2,4-Dinitrophenol	ND	0.012		mg/L	1	3/9/2005
2,4-Dinitrotoluene	ND	0.005		mg/L	1	3/9/2005
2,6-Dinitrotoluene	ND	0.005		mg/L	1	3/9/2005
2-Chloronaphthalene	ND	0.005		mg/L	1	3/9/2005
2-Chlorophenol	ND	0.005		mg/L	1	3/9/2005
2-Methylnaphthalene	ND	0.005		mg/L	1	3/9/2005
2-Methylphenol	ND	0.005		mg/L	1	3/9/2005
2-Nitroaniline	ND	0.012		mg/L	1	3/9/2005
2-Nitrophenol	ND	0.005		mg/L	1	3/9/2005
3,3'-Dichlorobenzidine	ND	0.01		mg/L	1	3/9/2005
3-Nitroaniline	ND	0.012		mg/L	1	3/9/2005
4,6-Dinitro-2-methylphenol	ND	0.012		mg/L	1	3/9/2005
4-Bromophenyl phenyl ether	ND	0.005		mg/L	1	3/9/2005
4-Chloro-3-methylphenol	ND	0.005		mg/L	1	3/9/2005
4-Chloroaniline	ND	0.005		mg/L	1	3/9/2005
4-Chlorophenyl phenyl ether	ND	0.005		mg/L	1	3/9/2005
4-Methylphenol	ND	0.005		mg/L	1	3/9/2005
4-Nitroaniline	ND	0.012		mg/L	1	3/9/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503079
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503079-002

Client Sample ID: TMW-4
Collection Date: 3/3/2005 2:50:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3510C)**			Prep Date: **3/7/2005**		Analyst: **VS**
4-Nitrophenol	ND	0.012		mg/L	1	3/9/2005
Aniline	ND	0.012		mg/L	1	3/9/2005
Benzidine	ND	0.012		mg/L	1	3/9/2005
Benzoic acid	ND	0.012		mg/L	1	3/9/2005
Benzyl alcohol	ND	0.005		mg/L	1	3/9/2005
Bis(2-chloroethoxy)methane	ND	0.005		mg/L	1	3/9/2005
Bis(2-chloroethyl)ether	ND	0.005		mg/L	1	3/9/2005
Bis(2-ethylhexyl)phthalate	ND	0.005		mg/L	1	3/9/2005
Butyl benzyl phthalate	ND	0.005		mg/L	1	3/9/2005
Carbazole	ND	0.012		mg/L	1	3/9/2005
Di-n-butyl phthalate	ND	0.005		mg/L	1	3/9/2005
Di-n-octyl phthalate	ND	0.005		mg/L	1	3/9/2005
Dibenzofuran	ND	0.005		mg/L	1	3/9/2005
Diethyl phthalate	ND	0.005		mg/L	1	3/9/2005
Dimethyl phthalate	ND	0.005		mg/L	1	3/9/2005
Hexachlorobenzene	ND	0.005		mg/L	1	3/9/2005
Hexachlorobutadiene	ND	0.005		mg/L	1	3/9/2005
Hexachlorocyclopentadiene	ND	0.005		mg/L	1	3/9/2005
Hexachloroethane	ND	0.005		mg/L	1	3/9/2005
Isophorone	ND	0.005		mg/L	1	3/9/2005
N-Nitrosodi-n-propylamine	ND	0.005		mg/L	1	3/9/2005
N-Nitrosodimethylamine	ND	0.005		mg/L	1	3/9/2005
N-Nitrosodiphenylamine	ND	0.005		mg/L	1	3/9/2005
Nitrobenzene	ND	0.005		mg/L	1	3/9/2005
Pentachlorophenol	ND	0.005		mg/L	1	3/9/2005
Phenol	ND	0.005		mg/L	1	3/9/2005
Pyridine	ND	0.012		mg/L	1	3/9/2005
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Acetone	ND	0.01		mg/L	1	3/8/2005
Benzene	ND	0.005		mg/L	1	3/8/2005
Bromodichloromethane	ND	0.005		mg/L	1	3/8/2005
Bromoform	ND	0.005		mg/L	1	3/8/2005
Bromomethane	ND	0.01		mg/L	1	3/8/2005
2-Butanone	ND	0.01		mg/L	1	3/8/2005
Carbon disulfide	ND	0.005		mg/L	1	3/8/2005
Carbon tetrachloride	ND	0.005		mg/L	1	3/8/2005
Chlorobenzene	ND	0.005		mg/L	1	3/8/2005
Dibromochloromethane	ND	0.005		mg/L	1	3/8/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503079
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503079-002

Client Sample ID: TMW-4
Collection Date: 3/3/2005 2:50:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Chloroethane	ND	0.01		mg/L	1	3/8/2005
Chloroform	ND	0.005		mg/L	1	3/8/2005
Chloromethane	ND	0.005		mg/L	1	3/8/2005
1,1-Dichloroethane	ND	0.005		mg/L	1	3/8/2005
1,2-Dichloroethane	ND	0.005		mg/L	1	3/8/2005
1,1-Dichloroethene	ND	0.005		mg/L	1	3/8/2005
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	3/8/2005
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	3/8/2005
1,2-Dichloropropane	ND	0.005		mg/L	1	3/8/2005
cis-1,3-Dichloropropene	ND	0.005		mg/L	1	3/8/2005
trans-1,3-Dichloropropene	ND	0.005		mg/L	1	3/8/2005
Ethylbenzene	ND	0.005		mg/L	1	3/8/2005
2-Hexanone	ND	0.01		mg/L	1	3/8/2005
4-Methyl-2-pentanone	ND	0.01		mg/L	1	3/8/2005
Methylene chloride	ND	0.005		mg/L	1	3/8/2005
Methyl tert-butyl ether	ND	0.005		mg/L	1	3/8/2005
Styrene	ND	0.005		mg/L	1	3/8/2005
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	3/8/2005
Tetrachloroethene	ND	0.005		mg/L	1	3/8/2005
Toluene	ND	0.005		mg/L	1	3/8/2005
1,1,1-Trichloroethane	ND	0.005		mg/L	1	3/8/2005
1,1,2-Trichloroethane	ND	0.005		mg/L	1	3/8/2005
Trichloroethene	ND	0.005		mg/L	1	3/8/2005
Vinyl chloride	ND	0.005		mg/L	1	3/8/2005
Xylenes, Total	ND	0.01		mg/L	1	3/8/2005
Cyanide, Total	**SW9012A**			Prep Date: **3/4/2005**		Analyst: **YZ**
Cyanide	ND	0.005		mg/L	1	3/7/2005

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Date Reported: March 14, 2005
Date Printed: March 14, 2005

Client: Kowalenko & Bilotti, Inc.
Lab Order: 0503079
Project: 05-ENV-001, Pritzker Park, State & Van Buren
Lab ID: 0503079-003

Client Sample ID: TMW-5
Collection Date: 3/3/2005 3:00:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
BTEX by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Benzene	ND	0.005		mg/L	1	3/8/2005
Toluene	ND	0.005		mg/L	1	3/8/2005
Ethylbenzene	ND	0.005		mg/L	1	3/8/2005
Xylenes, Total	ND	0.01		mg/L	1	3/8/2005

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J - Analyte detected below quanititation limits
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HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

CHAIN OF CUSTODY RECORD

No.: 807965 Page: 1 of 1

Company: Kowalenko + Bilotti
Project Number: 05-ENV-001 Client Tracking No.:
Project Name: Pritzker Park
Location/Address: State & Van Buren
Sampler(s): Tom Brechbiesen
Report To: Tom Brechbiesen Phone: 853-0500
QC Level: 1 2 3 4 Fax: 853-0311
Regulatory Program: NPEDS/MWRD RCRA SDWA (SRP) TACO Other:

P.O. No.:
Quote No.:

Turn Around: STD.
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOCs	SVOCs	Pesticides / PCBs	TAL Metals	BETX	PNAs	RCRA 8 Metals +	Remarks
TMW-3	3-3-05	12:20	GW		✓	B,E	4	✓	✓	✓	✓	✓	✓	✓	Turbid
TMW-4	3-3-05	14:50	GW		✓	B,E	4	✓	✓	✓	✓	✓	✓	✓	
TMW-5	3-3-05	15:00	GW			E	2				✓				Turbid

Relinquished by: (Signature) Thomas A Brechbiesen Date/Time: 3-3-05 17:0
Received by: (Signature) [illegible] Date/Time: 3-4-05 [illegible]
Relinquished by: (Signature) [illegible] Date/Time: 3 30 54
Received for lab by: (Signature) [illegible] Date/Time: 3/3/05 17
Relinquished by: (Signature) Date/Time:

Preservation Code:
A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore

STAT Analysis Corporation

Sample Receipt Checklist

Client Name K&B

Date and Time Received: 03/03/2005

Work Order Numbe 0503079

Received by: JC

Checklist completed by: Jesus Cantu 3/3/05 (Signature / Date)

Reviewed by: ac 3/14/05 (Initials / Date)

Matrix

Carrier name STAT Analysis

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 signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	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 ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 6 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐
Water - Samples properly preserved/ pH checked?	Yes ☑	No ☐	

Adjusted? NO Checked by JC

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted Date contacted: Person contacted

Contacted by: Regarding

Comments: Sample TMW-4 is missing a 500ml poly preserved in HNO3.

Corrective Action