Former Rochester Drug Cooperative Building

CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

Final Engineering Report

NYSDEC BCP Site Number: C828115

Prepared for:

The Gary and Marcia Stern Limited Family Partnership
274 North Goodman Street
Rochester, New York 14607

Prepared by:

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DECEMBER 2009

CERTIFICATIONS

I, Daniel P. Noll, am currently a registered professional engineer licensed by the State of New York, I certify that the Remedial Action Work Plan (RAW) was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan, based upon the available documentation supplied by others.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established in for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Daniel P. Noll, of LaBella Associates, P.C., am certifying as Owner's Designated Site Representative for the Site.

081996	12/29/09	
NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BGS	Below the ground surface
CAMP	Community Air Monitoring Plan
DUSR	Data Usability Summary Report
EC	Engineering Control
ESA	Environmental Site Assessment
EWP	Excavation Work Plan
FER	Final Engineering Report
IC	Institutional Control
IRM	Interim Remedial Measure
NYCRR	Official Compilation of the Rules and Regulations of the State of New York
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Poly-chlorinated biphenyl
PCS	Petroleum Contaminated Soil
PID	Photoionization detector
ppb	Parts per billion
ppm	Parts per million
RAOs	Remedial Action Objectives
RCRA	Resource Conservation and Recovery Act
RSCOs	Recommended Soil Cleanup Objectives
SCOs	Soil Cleanup Objectives
SCGs	Standards, Criteria, and Guidance
SMP	Site Management Plan
SSDS	Sub-Slab Depressurization System
STARS	Spill Technology and Remediation Series
SVOC	Semi-volatile organic compound
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile organic compound

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

The Gary and Marcia Stern Family Limited Partnership entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in May 2004, to investigate and remediate a $2.7^{\pm}$ acre property known as 320 North Goodman Street (the "Site"), located in the City of Rochester, Monroe County, New York (see Figure 1). The property will be used for various commercial uses.

The Site is located in the County of Monroe, New York and is identified as Block 84 and Lot 1.0 on the City of Rochester Tax Map # 106. The Site is situated on an approximately 2.7-acre area bounded by the CSX Goodman Street Yards and railroad tracks to the north and east, the Village Gate Square Mall to the south, and residential properties are located adjacent to the west of the Site, across North Goodman Street (see Figure 2). The boundaries of the Site are more fully depicted on the ALTA/ACSM Land Title Survey that is part of the Environmental Easement, which is included as Appendix A.

Previous environmental investigations at the Site identified petroleum contamination in soil and groundwater. The apparent source of the petroleum impacts was four (4) petroleum underground storage tanks (USTs) that were formerly located in the eastern portion of the Site. Two (2) additional USTs were reportedly removed by others in the early 1970s, and yet another UST was removed by others in 1998. There was no closure documentation for the tanks removed from the Site.

According to the NYSDEC Petroleum Bulk Storage (PBS) registration form for the Site, one (1) 4,000-gallon, steel, unleaded gasoline UST was installed at the Site in February 1975 with no secondary containment, overfill protection or leak detection devices. This UST was reportedly removed from the Site in August 1998.

There are two (2) NYSDEC Spills associated with the Site. The first, NYSDEC Spill #9506933 was reported to the NYSDEC on September 5, 1995 after gasoline was released from a ruptured vehicle fuel tank at the Site. According to the NYSDEC Spill Report Form, the City of Rochester Fire Department responded and cleaned up the spilled gasoline using SpeediDry absorbent. NYSDEC Spill #9506933 was closed by the NYSDEC with "No Further Action Required" on December 5, 1995. The second NYSDEC Spill associated with the Site (#0106407) was reported to the NYSDEC on September 18, 2001, based on the findings of a Phase II Environmental Site Assessment (ESA). NYSDEC Spill #0106407 was closed on January 17, 2008; however, the investigation and remediation of the petroleum impacts were performed as part of this BCP project. The Site was entered into the NYSDEC BCP on May 18, 2004.

A Remedial Investigation (RI) was conducted by GeoQuest Environmental, Inc. (GeoQuest) in September 2003 to complete the delineation of the horizontal and vertical extent of petroleum-impacted soil and groundwater at the Site. This RI consisted of advancing seven (7) direct-push soil borings (designated MW-13 through MW-17 and B-18 and B-19) of which five (5) were converted into temporary groundwater monitoring wells (designated MW-13 through MW-17). Additional information regarding Geoquest's RI can be found in Section 1.3. Geoquest's RI concluded that:

- the source of the petroleum impacts at the 320 North Goodman Street Site emanated from on-site petroleum storage tanks that had previously been removed from the Site;
- there were no current or reasonably foreseeable exposure pathways since the impacted area was to remain a parking lot; and,
- conditions at the Site required remediation in order to meet the NYSDEC BCP requirements.

In April 2005, GeoQuest conducted an Interim Remedial Measure (IRM) Soil Removal program at the Site. As part of the IRM, an ex-situ treatment biocell was constructed, on the easterly adjacent Village Gate Square property, to treat approximately 2,103 cubic yards of petroleum-impacted soil that was excavated from the Site. This petroleum-impacted soil was placed in a "biocell" for remediation over time. Subsequent to screening and sampling the biocell soils, NYSDEC approved, in 2009, grading of the biocell soils into an existing soil berm to the east of the on-site building and covered with one (1) foot of clean soil. Section 1.4 provides detailed information regarding the IRM work.

An active Sub-Slab Depressurization System (SSDS) was installed beneath the concrete slab of the on-site building in November 2006. The SSDS was designed to depressurize the subsurface immediately below the concrete floor slab, thus restricting soil vapor intrusion into the on-site building from beneath the floor slab. Additional sub-slab depressurization fans were installed in the on-site building in 2009. The Sub-Slab Depressurization System was designed to depressurize the subsurface immediately below the floor slab, thus restricting vapor intrusion into the building from beneath the floor slab. Subsequent testing of these monitoring points indicated negative pressures beneath the floor slab throughout the on-site building.

Additional details regarding the prior environmental investigations performed at the Site can be found in the Site Management Plan, dated December 2009, prepared for the Site.

An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

According to the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure*, prepared by GeoQuest Environmental, Inc. (GeoQuest) and dated August 2004, the following Remedial Action Objectives (RAOs) were identified for the Site:

- "Remove source area petroleum contaminated soil (PCS) in the known spill area" at the Site;
- "Remove as much petroleum impacted groundwater as possible during de-watering activities"; and
- Remediate the Site to "meet NYSDEC TAGM 4046 standards that will protect public health and the environment."

This project was initiated prior to the NYSDEC Part 375 Soil Cleanup Objectives (SCOs) being established. This FER evaluates the remedial work based upon the Part 375 SCOs rather than the Recommended Soil Cleanup Objectives (RSCOs) referenced in NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046, as amended by Tables dated August 22, 2001. The RAOs identified for the Site include the protection of public health and the environment and were developed based upon the following standards, criteria, and guidance (SCGs):

1) For Soil: Part 375-6.8(b) Restricted Commercial Use SCOs; and
2) For Groundwater: Standards and Guidance Values referenced in NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 and 6NYCRR Part 703.

2.1.1 Groundwater RAOs

The RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

The RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of groundwater contamination.

The specific RAOs for groundwater are the New York State Water Quality Groundwater Standards and Guidance Values referenced in NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 and 6NYCRR Part 703.

2.1.2 Soil RAOs

The RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

The RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

The specific RAOs for soil are the Part 375-6.8(b) Restricted Commercial Use SCOs.

2.2 DESCRIPTION OF SELECTED REMEDY

The Site was remediated in accordance with the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure*, prepared by GeoQuest and dated August 2004. Based upon the results of this work, (i.e., removal of the source of the contamination, including grossly contaminated soils and impacted groundwater) it appears that the RAOs were achieved to the extent technically and practically feasible. As such, the Final Remedy for this Site is No Further Action.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. These factors are listed below along with how the remedy met these goals:

1. Overall protectiveness of the public health and the environment – The IRM soil removal and treatment of impacted soil and the removal of groundwater significantly decreased the contaminant mass at the Site and has decreased dissolved phase concentrations of groundwater, as such, the IRM work minimized potential exposure pathways. The remaining contamination is defined and the institutional controls (easement and SMP) and engineering controls (SSDS) being implemented as part of the Site remedy have mitigated exposure at the Site and thus the remedy is protective of public health and the environment.
2. Standards, criteria, and guidance (SCGs) – The IRM removal of the source areas of contamination have resulted in meeting the SCGs established for the Site, with the exception of a few locations that are defined. The institutional and engineering controls put in-place as part of the Site remedy will manage the remaining contamination over time.

3. Long-term effectiveness and permanence – The IRM removal and treatment of the excavated soil and the removal/off-site disposal of groundwater has resulted in the permanent removal of the majority of the contamination from the Site. In addition, the institutional and engineering controls put in-place as part of the Site remedy will be effective for addressing the remaining contamination over the long-term.

4. Reduction in toxicity, mobility or volume of contamination - The mass removal of source area soil and groundwater impacts as part of the IRM removed the majority of contamination from the Site thus reducing the toxicity and volume of contamination at the Site. The post remedial groundwater sampling has indicated a significant decrease in contaminant groundwater concentrations which also indicates a reduction in toxicity and mobility of contaminants to move through the groundwater . As such, the IRM was successful at reducing toxicity, mobility and volume of contamination at the Site.

5. Short-term impacts and effectiveness – The remedy for the Site is effective in the short-term since the institutional and engineering controls put in place will manage the remaining contamination. The remedy for the Site does not have any short-term impacts.

6. Implementability – The remedy for the Site is easily implemented.

7. Cost-effectiveness – The remedy for the Site is cost effective since additional active remediation is not necessary and the cost incurred for the periodic monitoring (as defined in the SMP) will be spaced out over time.

8. Community acceptance – The remedy is acceptable to the community.

9. Land use – The remedy is consistent with the land use at the Site.

Soil

Forty (40) confirmatory soil samples were collected from the 2005 IRM remedial excavations. Soil samples were collected from each sidewall and from the base of each of the Remedial Excavations. It is understood that all of the forty (40) confirmatory soil samples arrived at the laboratory at a temperature of 15°C, which is above the required range of 4-6°C. According to the Data Usability Summary Report (DUSR) prepared for these laboratory analytical data, "in accordance with EPA Region II guidelines, the samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the Volatile compounds." Therefore, the laboratory analytical results for the forty (40) confirmatory soil samples are somewhat questionable and cannot be relied upon to conclude that Part 375-6.8(b) Restricted Commercial Use SCOs were met with respect to the 2005 Remedial Excavations. However, subsequent groundwater sampling events have generally shown a 98% or greater reduction in Site-related contaminants. This significant decrease in the concentration of Site-related contaminants in groundwater indicates that the 2005 IRM soil removal activities appear to have effectively remediated the soils at the Site.

Petroleum-impacted soils were effectively treated in a biocell and subsequently graded into an existing on-site soil berm. Both the biocell soils and the eight (8) remedial excavations were covered/backfilled with imported, clean soil and the remedial excavations were finished at grade with asphalt. These cover systems, coupled with the Environmental Easement and SMP, will minimize the potential for human exposure to impacted soil/fill remaining at the Site.

Groundwater

Post IRM groundwater sampling events have generally shown a 98% or greater reduction in Site-related contaminants. This is a significant decrease in the concentration of Site-related contaminants in groundwater.

The use of municipal drinking water at the Site will minimize the potential for exposure to residual groundwater impacts at the Site.

Soil Vapor

Because the levels of contaminants in on-site soils and groundwater exceeded applicable standards, an active Sub-Slab Depressurization System (SSDS) was installed beneath the concrete slab of the on-site building to mitigate the potential for vapor intrusion, instead of conducting a formal Soil Vapor Intrusion (SVI) investigation. The SSDS was installed in November 2006, and additional sub-slab depressurization fans were installed in the on-site building in 2009, to minimize the potential for soil vapor intrusion exposure with regard to the commercial tenants of the on-site building.

The execution and recording of an Environmental Easement to restrict land use and minimize future exposure to any contamination remaining at the Site, and the development of an SMP provides for the long-term management of remaining contamination. Specifically, the Environmental Easement and SMP include provisions for the following: periodic groundwater monitoring to monitor the effectiveness of the soil removal; operation, maintenance, and periodic monitoring of the SSDS; periodic reporting requirements; and periodic certification of the institutional and engineering controls at the Site.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this Site was performed with no separation into distinct operable units.

The information and certifications made in the following reports were relied upon

to prepare this FER and certify that the remediation requirements for the Site have been met:

- *Phase II Environmental Site Assessment* (ESA), by Day Environmental, Inc. (DAY) and dated September 2001;
- *Phase II ESA*, by LaBella Associates, P.C. (LaBella) and dated April 2002;
- *Petroleum Spill Investigation Report, NYSDEC Spill No. 0106407* by GeoQuest Environmental, Inc. (GeoQuest) and dated October 2003;
- *Final Remedial Investigation Report*, by GeoQuest and dated February 2004;
- *Soil Removal Work Plan–Interim Remedial Measure,* by GeoQuest and dated 2004;
- A *Site Specific Health and Safety Plan* (HASP), by GeoQuest and dated February 2004 (Revised July 23, 2004);
- Daily Field Reports and Dust Monitoring Data associated with implementation of the 2005 IRM, as provided by GeoQuest (see Appendix C);
- Monthly Progress Reports, by LaBella dated October 2006 through April 2007; and
- LaBella's *August Biocell and Groundwater Sampling* letter to NYSDEC dated December 4, 2008.

3.1 INTERIM REMEDIAL MEASURES

Based upon available documentation and discussions with the owner and NYSDEC, the IRM was completed in accordance with the NYSDEC-approved IRM work plan. Specifically, in the spring of 2005 an IRM soil removal was conducted by GeoQuest in the former underground storage tank (UST) area on the eastern portion of the Site. The information that follows is based upon surveyed dimensions of each remedial excavation and field notes provided by GeoQuest. Approximately 2,100 cubic yards of petroleum impacted soil was excavated from eight (8) locations to the east of the

on-site building, and the impacted soil was placed in a bioremediation "biocell" for treatment. Areas where 2005 IRM excavations were performed are shown in Figure 3.

Eight (8) remedial excavations were completed at the Site, where previous environmental investigations identified petroleum-impacted soils. The following field-screening criteria were approved as part of GeoQuest's 2004 *Soil Removal Work Plan– Interim Remedial Measure:*

1) Soil that was not heavily stained and emitted less than 10 parts per million (ppm) volatile organic compounds (VOCs), as measured with a hand-held photoionization detector (PID), were determined to be non-impacted soil and were staged on-site for use as backfill.

2) Soils that were heavily stained and/or emitted greater than 10 ppm VOCs were classified as petroleum-impacted soil and were placed in the biocell constructed on the easterly adjacent Village Gate Square parcel.

As summarized in the following table, based upon the surveyed areas of the eight (8) remedial excavations and the reported depth of each excavation, a total of $3{,}116^{\pm}$ cubic yards of soil were excavated from the Site, with $2{,}103^{\pm}$ cubic yards of petroleum-impacted soil placed in the biocell.

Remedial Excavation Summary

Remedial Excavation ID	Area of Excavation	Depth of Excavation	Volume of Clean Soil Excavated	Volume of Impacted Soil Excavated
RE #1	407 Sq. Ft.	10.0 to 15.0 Ft.	120.4 Cu. Yds.	105.5 Cu. Yds.
RE #2	170 Sq. Ft.	3.0 Ft.	0.0 Cu. Yds.	18.9 Cu. Yds.
RE #3	139 Sq. Ft.	10.0 Ft.	25.7 Cu. Yds.	25.7 Cu. Yds.
RE #4	243 Sq. Ft.	15.0 Ft.	0 Cu. Yds.	135.2 Cu. Yds.
RE #5	524 Sq. Ft.	10.0 to 15.0 Ft.	155.2 Cu. Yds.	87.3 Cu. Yds.
RE #6	109 Sq. Ft.	7.0 Ft.	0.0 Cu. Yds.	28.4 Cu. Yds.
RE #7	460 Sq. Ft.	15.0 Ft.	136.2 Cu. Yds.	119.2 Cu. Yds.
RE #8	3,885 Sq. Ft.	15.0 Ft.	575.6 Cu. Yds.	1,582.8 Cu. Yds.
Total Estimated Volumes			**1,013.1 Cu. Yds.**	**2,102.7 Cu. Yds.**

Note: The excavation quantities were estimated based upon the surveyed dimensions of each excavation and field notes obtained from GeoQuest.

Groundwater encountered within the remedial excavations was pumped into temporary on-site holding tanks.

The criteria for terminating excavation work that were identified in GeoQuest's 2004 *Soil Removal Work Plan–Interim Remedial Measure* were reportedly met for each of the remedial excavations, with the exception of Remedial Excavation #1 and Remedial Excavation #8.

Remedial Excavation #1 was excavated to a depth of 15 feet BGS and was backfilled on April 13, 2005. It is not clear, based upon field notes obtained from GeoQuest, why Remedial Excavation #1 was terminated at a depth of 15 feet BGS, but it is reasonable to assume that this was due to limitations of the excavation equipment.

An active 4-inch diameter sewer lateral was reportedly encountered along the southern sidewall of Remedial Excavation #8 on April 18, 2005. It appears that impacted soil was left in-place by GeoQuest in order to protect the integrity of this underground utility [this area includes soil samples LaBella B-3 (8-9.5') and DAY SB-12 (12.0')].

It appears that impacted soil could not safely be excavated from the area west of Remedial Excavation #8, due to an active roadway and the potential for underground utilities to be present under the roadway [this area includes soil samples LaBella B-5 (8-9.5')].

Biocell Construction

The petroleum impacted soil removed from the eight (8) remedial excavations was placed in an approximately 140-foot by 90-foot biocell, constructed approximately 500 feet to the east of the IRM excavations, on the easterly adjacent Village Gate Square property. Approximately 2,103 cubic yards of petroleum-impacted soil was placed in the biocell.

Dewatering Activities

As proposed in the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure*, prepared by GeoQuest and dated August 2004, petroleum contaminated groundwater was removed from the Site as part of GeoQuest's 2005 IRM. In order to remove source area groundwater and depress the water table in adjacent excavations, temporary groundwater dewatering wells were constructed within Remedial Excavations #1, #4, #5, #7, and #8 during backfill of the excavations. The combined dewatering operations generated approximately 40,000 gallons of water. According to GeoQuest's 2004 *Soil Removal Work Plan–Interim Remedial Measure*, these waters were to be "characterized by the remediation contractor prior to transport to an approved disposal or recycling facility."

Excavation Backfill

The eight (8) Remedial Excavations were backfilled in order to restore these areas for continued use as an asphalt-paved parking lot. A portion of the backfill used for this

project consisted of soil removed from the excavations that was identified by visual observation and PID field-screening to be clean, non-impacted soil. In addition, approximately 2,100 cubic yards of soil was imported to the Site to complete the backfilling of the eight (8) remedial excavations. Off-site backfill materials originating from a non-approved source were sampled/analyzed, as required by NYSDEC (see Section 4.5).

Confirmatory Soil Sampling

Forty (40) confirmatory soil samples were collected from the Remedial Excavations. Soil samples were collected from each sidewall and from the base of each of the Remedial Excavations.

It is understood that all of the forty (40) confirmatory soil samples arrived at the laboratory at a temperature of 15°C, which is above the required range of 4-6°C. According to the Data Usability Summary Report (DUSR) prepared for these laboratory analytical data, "in accordance with EPA Region II guidelines, the samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the Volatile compounds." Therefore, the laboratory analytical results for the forty (40) confirmatory soil samples are somewhat questionable and cannot be relied upon to conclude that Part 375-6.8(b) Restricted Commercial Use Soil Cleanup Objectives (SCOs) were met with respect to the 2005 Remedial Excavations. However, subsequent groundwater sampling events have generally shown a 98% or greater reduction in Site-related contaminants. This significant decrease in the concentration of Site-related contaminants in groundwater indicates that the 2005 IRM soil removal activities appear to have effectively remediated the soils at the Site.

A summary of the analytical results is presented in Table 1, with a comparison to Part 375-6.8(a) Unrestricted Use SCOs and Part 375-6.8(b) Restricted Commercial Use SCOs.

The analytical results associated with the confirmatory soil samples collected from each remedial excavation are presented in Table 1, shown on Figure 3 and summarized below:

- Remedial Excavation #1 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits, with the exception of the bottom sample. Eleven (11) VOCs were detected in the bottom sample (15 feet BGS), and four (4) of these VOCs were reported at concentrations above Part 375-6.8(a) Unrestricted Use SCOs.
- Remedial Excavation #2 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #3 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #4 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #5 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits, with the exception of the bottom sample. One (1) VOC (toluene) was detected in the bottom sample (15 feet BGS); however, the reported concentration is below the Part 375-6.8(a) Unrestricted Use and Part 375-6.8(b) Restricted Commercial Use SCOs for toluene.
- Remedial Excavation #6 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.

- Remedial Excavation #7 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.

- Remedial Excavation #8 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits, with the exception of the bottom sample. Six (6) VOCs were detected in the bottom sample; however, the reported concentrations are below their respective Part 375-6.8(a) Unrestricted Use and Part 375-6.8(b) Restricted Commercial Use SCOs.

Subsequent to implementation of the IRM, in July 2006, four (4) rotary drill rig advanced bedrock interface groundwater monitoring wells and one (1) direct-push advanced overburden groundwater monitoring well (MW-18R) were installed at the Site. The four (4) bedrock interface wells (designated MW-14R through MW-17R) were advanced in the area of the IRM excavations to evaluate subsurface conditions in the wake of the IRM soil removal. As summarized in the following table, the majority of the post soil removal groundwater sampling results indicated significant decreases in contaminant concentrations, as compared to pre-IRM groundwater quality data reported by GeoQuest.

Summary of Pre-IRM (October 2003) and Post-IRM (September 2008) Groundwater Quality Data

Monitoring Well ID	Total VOCs Pre-IRM (ppb)	Total VOCs Post-IRM (ppb)	Comparison of Pre-IRM and Post IRM Groundwater Quality
MW-14 (pre-IRM)	19.63	NA	Slight Increase in Total VOCs
MW-14R (post-IRM)	NA	88.9	
MW-15 (pre-IRM)	271,170	NA	99.99% Reduction in Total VOCs
MW-15R (post-IRM)	NA	16.77	
MW-16 (pre-IRM)	83,156	NA	99.99% Reduction in Total VOCs
MW-16R (post-IRM)	NA	14.97	
MW-17 (pre-IRM)	57.19	NA	98.5% Reduction in Total VOCs
MW-17R (post-IRM)	NA	0.88	

Notes:
NA = Not Applicable
Sources: GeoQuest's October 2003 *Petroleum Spill Investigation Report, NYSDEC Spill No. 0106407* (Pre-IRM data) and LaBella's *August Biocell and Groundwater Sampling* letter to NYSDEC dated December 4, 2008 (Post-IRM data)

Table 2 provides a summary of the most recent post-IRM groundwater sampling results (from August 2006 to September 2008), and these results are also shown on Figure 4. As shown on Table 2, an overall decreasing trend in Total VOCs is present in groundwater samples collected subsequent to the 2005 IRM.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

The Final Remedy for the Site is No Further Action; however, since the IRM substantially remediated the Site, this section further details the IRM activities. The IRM activities completed at the Site by GeoQuest were conducted in accordance with the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure*, prepared by GeoQuest and dated August 2004.

4.1 GOVERNING DOCUMENTS

The following "governing documents" were used to guide the implementation of the 2005 IRM.

4.1.1 Site-Specific Health & Safety Plan (HASP)

A *Site Specific Health and Safety Plan* (HASP) was prepared by GeoQuest (dated February 2004, Revised July 23, 2004) and utilized during the remedial activities conducted at the Site in 2005. The HASP was prepared for use by site and subcontractor personnel and was documented by GeoQuest to be complied with for all remedial and invasive work performed at the Site.

All remedial work performed under this Remedial Action was documented by GeoQuest to be in compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

4.1.2 Soil/Materials Management Plan (S/MMP)

Although no formal S/MMP was created for the 2005 IRM, as outlined in the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure*, prepared by GeoQuest and dated August 2004, materials excavated during the 2005 IRM were managed as follows:

- Soils from the eight (8) remedial excavations that were not heavily stained and emitted less than 10 ppm VOCs, as measured with a hand-held PID, were determined to be non-impacted soil and were staged on-site for use as backfill in the remedial excavations; and
- Soils that were heavily stained and/or emitted greater than 10 ppm VOCs were classified as petroleum-impacted soil and were placed in the biocell constructed on the easterly adjacent Village Gate Square parcel.

4.1.3 Community Air Monitoring Plan (CAMP)

The CAMP monitoring approach, instruments, action levels, response measures, etc. were outlined in the *Site Specific Health and Safety Plan* (HASP) was prepared by GeoQuest (dated February 2004, Revised July 23, 2004).

4.1.4 Community Participation Plan

A Site-specific Community Participation Plan was not provided to LaBella and no activities were proposed in the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure*, prepared by GeoQuest and dated August 2004.

The remaining Community Participation events include a 30-day Public Comment Period during NYSDEC review of the "No Further Action" Final Remedy. In addition, subsequent to NYSDEC issuing a Certificate of Completion, a Fact Sheet will be mailed to members of the Public Contact List.

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

The following Contractors and Consultants were involved in the completion of the 2005 Interim Remedial Measure for the Site:

- GeoQuest Environmental, Inc. (GeoQuest),;
- Hickory Hill Construction, Inc. (Hickory Hill), completion of eight (8) remedial excavations in 2005; and
- Wyffels Engineering, PLLC (Wyffels), design drawings and details for the active Sub-Slab Depressurization System (SSDS).

4.2.2 Site Preparation

Prior to the start of ground-intrusive remedial activities at the Site, an underground utilities location service (Dig Safe NY) was contacted by Hickory Hill to identify and mark utilities in the vicinity of the IRM excavation areas.

4.2.3 CAMP results

According to Daily Field Reports provided by GeoQuest (see Appendix C), CAMP activities were performed during completion of the 2005 IRM.

Copies of GeoQuest's "Dust Monitoring" readings are presented in Appendix C. According to the Dust Monitoring information provided by GeoQuest, the following

exceedances of the 0.15 milligrams per cubic meter (mg/m^3) threshold established in the HASP were documented during implementation of the 2005 IRM:

- 1.070 mg/m^3 reported at 9:30 a.m. on April 13, 2005;
- 0.175 mg/m^3 reported at 11:00 a.m. on April 13, 2005; and
- 0.175 mg/m^3 reported at 11:30 a.m. on April 14, 2005.

LaBella is uncertain of the response by GeoQuest and the contractor to the dust monitoring exceedances; however, based on the decrease in the readings subsequent to the exceedances, it appears actions were taken.

4.2.4 Reporting

Copies of GeoQuest's Daily Field Reports are presented in Appendix C.

4.3 CONTAMINATED MATERIALS REMOVAL

4.3.1 Contaminated Soil Removal

In April 2005, GeoQuest conducted an IRM at the Site, which was designed to remove impacted soil and groundwater from the source areas identified to the east of the on-site building during the previous environmental investigations conducted at the Site. The IRM Work Plan was approved by the NYSDEC between August 2004 and April 2005.

GeoQuest retained the services of Hickory Hill to conduct remedial excavations in eight (8) areas of the Site where previous environmental investigations (refer to Section 3.0) identified petroleum-impacted soils. Excavated soils were screened with a PID by GeoQuest personnel for total VOC concentrations. Soils that were not heavily stained and emitted less than 10 ppm VOCs as measured with the PID, were determined to be non-impacted soil and were staged on-site for use as backfill. Soils that were heavily stained and/or emitted greater than 10 ppm VOCs were classified as petroleum-impacted soil and placed in the biocell constructed on the Village Gate Square parcel.

The IRM soil removal at the Site was conducted between April 12, 2005 and April 25, 2005 under the oversight of GeoQuest personnel. The excavation work consisted of excavating eight (8) discrete locations on the eastern portion of the Site. The

soils were excavated using a Komatsu PC-200 excavator. The excavation quantities were estimated based upon the surveyed dimensions of each excavation and the field notes obtained from GeoQuest. Based on this available information, the area, depth and volume of soil removed from the eight (8) remedial excavations are estimated in the following table.

Remedial Excavation Summary

Remedial Excavation ID	Area of Excavation	Depth of Excavation	Volume of Clean Soil Excavated	Volume of Impacted Soil Excavated
RE #1	407 Sq. Ft.	10.0 to 15.0 Ft.	120.4 Cu. Yds.	105.5 Cu. Yds.
RE #2	170 Sq. Ft.	3.0 Ft.	0.0 Cu. Yds.	18.9 Cu. Yds.
RE #3	139 Sq. Ft.	10.0 Ft.	25.7 Cu. Yds.	25.7 Cu. Yds.
RE #4	243 Sq. Ft.	15.0 Ft.	0 Cu. Yds.	135.2 Cu. Yds.
RE #5	524 Sq. Ft.	10.0 to 15.0 Ft.	155.2 Cu. Yds.	87.3 Cu. Yds.
RE #6	109 Sq. Ft.	7.0 Ft.	0.0 Cu. Yds.	28.4 Cu. Yds.
RE #7	460 Sq. Ft.	15.0 Ft.	136.2 Cu. Yds.	119.2 Cu. Yds.
RE #8	3,885 Sq. Ft.	15.0 Ft.	575.6 Cu. Yds.	1,582.8 Cu. Yds.
Total Estimated Volumes			**1,013.1 Cu. Yds.**	**2,102.7 Cu. Yds.**

Note: The excavation quantities were estimated based upon the surveyed dimensions of each excavation and field notes obtained from GeoQuest.

A figure of the location of areas where excavations were performed is shown in Figure 3.

A list of the SCOs for the contaminants of concern for this project is provided in Table 1.

The following criteria for terminating excavation work were identified in GeoQuest's 2004 *Soil Removal Work Plan–Interim Remedial Measure*:

- "When field screen PID measurements of soils are approximately 10 ppm or less"; and

- When "confirmatory soil sample analytical results are below NYSDEC TAGM 4046 Guidance levels."

It appears that the above criteria were met for each of the remedial excavations, with the exception of Remedial Excavation #1 and Remedial Excavation #8. Remedial Excavation #1 was excavated to a depth of 15 feet BGS and was backfilled on April 13, 2005. An active 4-inch diameter sewer lateral was reportedly encountered along the southern sidewall of Remedial Excavation #8 on April 18, 2005. Petroleum-impacted soil could not be excavated from immediately beneath and adjacent to the sewer lateral discovered in Remedial Excavation #8.

Forty (40) confirmatory soil samples were collected from the Remedial Excavations. Soil samples were collected from each sidewall and from the base of each of the Remedial Excavations. It is understood that all of the forty (40) confirmatory soil samples arrived at the laboratory at a temperature of 15°C, which is above the required range of 4-6°C. According to the DUSR prepared for these laboratory analytical data, "in accordance with EPA Region II guidelines, the samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the Volatile compounds." Therefore, the laboratory analytical results for the forty (40) confirmatory soil samples are somewhat questionable and cannot be relied upon to conclude that Part 375-6.8(b) Restricted Commercial Use SCOs were met with respect to the 2005 Remedial Excavations. However, subsequent groundwater sampling events have generally shown a 98% or greater reduction in Site-related contaminants. This significant decrease in the concentration of Site-related contaminants in groundwater indicates that the 2005 IRM soil removal activities appear to have effectively remediated the soils at the Site.

The goal for the Site was generally to clean it up to the Part 375-6.8(a) Unrestricted Use criteria; however, select locations were identified above the Part 375-6.8(b) Restricted Commercial Use criteria. The locations of the materials removed are shown in Figure 3.

4.3.2 Contaminated Groundwater Removal

In order to remove source area groundwater and depress the water table in adjacent excavations, GeoQuest constructed temporary groundwater dewatering wells within Remedial Excavations #1, #4, #5, #7, and #8 during backfill of the excavations. The dewatering activities consisted of pumping from these wells and into two (2) 20,000-gallon "frac" tanks. The combined dewatering operations generated approximately 40,000 gallons of groundwater. According to GeoQuest's 2004 *Soil Removal Work Plan–Interim Remedial Measure*, these waters were to be "characterized by the remediation contractor prior to transport to an approved disposal or recycling facility."

According to information obtained from Monroe County (see Appendix C), in June 2005 approximately 40,000 gallons of treated groundwater was discharged to the sanitary sewer system by Sentinel Technologies, Inc. ,under a Monroe County Pure Waters Sewer Use Permit.

4.3.3 On-Site Reuse of Soils

As noted previously, the petroleum-impacted soil removed from the eight (8) remedial excavations was placed in an approximately 140-foot by 90-foot biocell constructed off-site, on the easterly adjacent Village Gate Square property. The biocell was constructed on a mixed asphalt pavement and crushed gravel area, and the sides of the biocell were constructed of concrete "Jersey" highway barriers. 20-mil plastic sheeting was used to line the sides and base of the biocell to prevent potentially impacted water from draining from the soils placed in the biocell for treatment. Approximately 2,100 cubic yards of petroleum-impacted soil were placed in the biocell in 8-inch lifts. The biocell was covered with UV resistant 20-mil plastic sheeting to prevent precipitation from eroding and infiltrating the impacted soil.

In order to accelerate the remediation of the petroleum-impacted soil, the biocell was turned over in July 2006. Turning over the biocell served two (2) purposes. First, disturbing the impacted soil served to add oxygen to the soil that naturally occurring bacteria could utilize to degrade the petroleum constituents in the soil. In addition,

turning over the biocell allowed for the application of a high-nitrogen liquid fertilizer to the biocell, as observed by NYSDEC on July 11, 2006. Application of high-nitrogen liquid fertilizer promoted bacteria growth, which helped to further accelerate the degradation of petroleum compounds within the biocell soils. The biocell was turned over again in September 2007.

Subsequent to screening and sampling (as discussed in Section 4.4) of the biocell soils, in 2009, NYSDEC approved grading of the biocell soils into an existing soil berm located to the east of the on-site building (see Figure 2). As required, the biocell soils were subsequently covered with one (1) foot of imported clean soil.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

Forty (40) confirmatory soil samples were collected from the eight (8) remedial excavations completed at the Site. Soil samples were collected from each sidewall and from the base of each of the remedial excavation. The confirmatory soil samples were submitted for laboratory analysis of NYSDEC Spill Technology and Remediation Series (STARS) list VOCs by USEPA Method 8021. As indicated in the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure* (GeoQuest, August 2004), "analysis for semi-volatile compounds by USEPA Method 8270 and RCRA 8 metals is not necessary because these compounds were generally limited in detection with slightly elevated concentrations above NYSDEC TAGM 4046 guidance levels during the previous site assessments."

It is understood that all of the forty (40) confirmatory soil samples arrived at the laboratory at a temperature of 15°C, which is above the required range of 4-6°C. According to the Data Usability Summary Report (DUSR) prepared for these laboratory analytical data, "in accordance with EPA Region II guidelines, the samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the Volatile compounds." Therefore, the laboratory analytical results for the forty (40) confirmatory soil samples are somewhat questionable and cannot be relied upon to conclude that Part 375-6.8(b) Restricted Commercial Use SCOs were met with respect to the 2005 Remedial Excavations. However, subsequent groundwater

sampling events have generally shown a 98% or greater reduction in Site-related contaminants. This significant decrease in the concentration of Site-related contaminants in groundwater indicates that the 2005 IRM soil removal activities appear to have effectively remediated the soils at the Site.

A summary of the analytical results for the confirmatory soil samples is presented in Table 1, with a comparison to Part 375-6.8(a) Unrestricted Use SCOs and Part 375-6.8(b) Restricted Commercial Use SCOs.

The analytical results associated with the confirmatory soil samples collected from each remedial excavation are presented on Table 1, shown on Figure 3, and summarized below:

- Remedial Excavation #1 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits, with the exception of the bottom sample. Eleven (11) VOCs were detected in the bottom sample (15 feet BGS), and four (4) of these VOCs were reported at concentrations above Part 375-6.8(a) Unrestricted Use SCOs.
- Remedial Excavation #2 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #3 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #4 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #5 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits, with the exception of the bottom sample. One (1) VOC (toluene) was detected in the bottom sample (15 feet BGS); however, the reported

concentration is below the Part 375-6.8(a) Unrestricted Use and Part 375-6.8(b) Restricted Commercial Use SCOs for toluene.

- Remedial Excavation #6 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #7 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits.
- Remedial Excavation #8 – The confirmatory soil samples collected from this excavation did not contain concentrations of VOCs above the reported laboratory detection limits, with the exception of the bottom sample. Six (6) VOCs were detected in the bottom sample; however, the reported concentrations are below their respective Part 375-6.8(a) Unrestricted Use and Part 375-6.8(b) Restricted Commercial Use SCOs.

The April 2005 IRM was conducted after the inclusion of the Site in the NYSDEC BCP and therefore requires that a Data Usability Summary Report (DUSR) be generated to evaluate the analytical results for the confirmatory soil samples collected from the sidewalls and bases of the remedial excavations. Although the confirmatory soil samples were not originally requested by GeoQuest to be provided as an Analytical Services Protocol (ASP) Category B analytical data package, Columbia Analytical Services, Inc. (CAS) of Rochester, New York subsequently provided an ASP Category B data package for these samples. A Data Usability Summary Report (DUSR) was prepared for these data by ChemWorld Environmental, Inc. of Rockville, Maryland (ChemWorld), and this DUSR is included in Appendix D. Associated raw laboratory data are provided electronically in Appendix E.

As indicated in the DUSR prepared for the confirmatory soil samples (see Appendix D), the following should be noted:

- Temperature Upon Receipt - All of the forty (40) soil/solid samples arrived at the laboratory at a temperature of 15°C (Limit 4-6°C). In accordance with USEPA

Region II guidelines, the samples were qualified as "J", estimated, for the positive results and "UJ", estimated, for the non-detectable results for the VOCs; and

- Verified Time of Sample Receipt and Documentation: The soil/solid samples were delivered to the laboratory 1 to 7 days after collection in the field. Samples are required to arrive at the laboratory within 48 hours of collection. It should be noted that only two (2) of the five (5) Chain-of-Custody Forms include any notation of "Chilling" the samples. There is no documentation of the Client being contacted and informed that the soil/solid samples arrived at the lab at 15°C (Limit 4-6°C).

Biocell Soils

In August 2008, LaBella performed a soil sampling program in order to evaluate the status of the biocell. The soil samples were collected on August 28, 2008 and consisted of the following:

- nine (9) "grab" samples collected and submitted for laboratory analysis of Target Compound List (TCL) and NYSDEC STARS-list volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260;
- three (3) "grab" samples collected and submitted for laboratory analysis of NYSDEC STARS-list semi-volatile organic compounds (SVOCs) using USEPA Method 8270; and,
- three (3) "grab" samples collected and submitted for laboratory analysis of USEPA Resource Conservation and Recovery Act (RCRA) Metals using USEPA Methods 6010 and 7471.

The August 2008 samples were collected from across the biocell and at varying depths. The soil samples were submitted to Columbia Analytical Services, Inc. (CAS) for analysis, and the results were provided as ASP Category B deliverables. The sampling results are summarized in Tables 3, 4, and 5. As shown in these tables, VOCs, SVOCs and Metals were not detected at concentrations that exceed their respective Part

375-6.8(b) Restricted Commercial Use SCOs or their respective Part 375-6.8(b) Restricted Use SCOs for the Protection of Groundwater. Based on these results, the biocell soils were approved by NYSDEC for reuse adjacent to their current location as a landscaped berm (see Section 4.3).

LaBella retained Vali-Data of WNY, LLC of West Falls, New York to prepare a DUSR for the biocell soil data. As indicated in the DUSR (see Appendix D), the soil data are acceptable, except as described below:

- All criteria were met except in samples BC-8-08-1, BC-8-08-9, and BC-8-08-7, where 2-Hexanone was detected above the method detection limit (MDL) at concentrations of 0.640, 1.50, and 0.670 µg/kg, respectively. However, these concentrations were found to be below the reporting limit and should be qualified as estimated *[Note: there is currently no Part 375-6.8(a) Unrestricted Use SCO for 2-Hexanone]*;
    - In sample BC-8-08-2, 2-Hexanone was detected above the reporting limit at a value of 72.0 µg/kg *[Note: there is currently no Part 375-6.8(a) Unrestricted Use SCO for 2-Hexanone]*;
    - In samples, BC-8-08-9 and BC-8-08-2, 1,1,2-trichloroethane was detected above the MDL at concentrations of 0.430 and 0.840 µg/kg, respectively. However, these concentrations were found to be below the reporting limit and should be qualified as estimated *[Note: there is currently no Part 375-6.8(a) Unrestricted Use SCO for 1,1,2-trichloroethane]*;
    - Bromodichloromethane was detected at 0.480 µg/kg, which was above the MDL. However, this concentration was found to be below the reporting limit and should be qualified as estimated in sample BC-8-08-2 *[Note: there is currently no Part 375-6.8(a) Unrestricted Use SCO for bromodichloromethane]*;
    - In samples BC-8-08-2 and the trip blank, 4-Methyl-2-Pentanone was detected above the MDL at concentrations of 3.2 and 0.740 µg/kg, respectively. However, these concentrations were found to be below the

reporting limit and should be qualified as estimated *[Note: there is currently no Part 375-6.8(a) Unrestricted Use SCO for 4-Methyl-2-Pentanone]*.

Based on the results of the DUSR as explained above, there do not appear to be significant complications with the accuracy of the August 2008 biocell soil sampling data.

The DUSRs are included in Appendix D, and associated raw laboratory data are provided electronically in Appendix E.

4.5 IMPORTED BACKFILL

In accordance with the NYSDEC-approved *Soil Removal Work Plan–Interim Remedial Measure* (GeoQuest, August 2004), the eight (8) remedial excavations were backfilled in order to restore these areas for continuing use as an asphalt-paved parking lot. A portion of the backfill used for this project consisted of soil removed from the excavations that was identified by visual observation and field screening to be clean, non-impacted soil. In addition, approximately 2,100 cubic yards of soil was imported to the Site to complete the backfilling of the eight (8) remedial excavations. When the backfill delivered to the Site was determined to have originated from a non-approved source, the NYSDEC required that samples of the proposed backfill material be analyzed to determine if it met the NYSDEC requirements for backfill used for BCP projects. As such, GeoQuest collected four (4) samples from the proposed backfill soil and submitted them to Columbia Analytical Services, Inc. (CAS) for analysis of the following parameters:

- VOCs by USEPA Method 8260;
- SVOCs by USEPA Method 8270;
- Pesticides by USEPA Method 8081;
- PCBs by USEPA Method 8082; and
- Target Analyte List (TAL) metals by USEPA Methods 6010 and 7471.

The laboratory analytical results indicated that VOCs, pesticides and PCBs were not present in the backfill soil at concentrations above the reported laboratory method detection limits. One (1) SVOC (di-n-butylphthalate) was detected in "Stockpile Sample 4" at a concentration of 440 micrograms per kilogram (µg/kg or ppb). Although there is no SCO specified for di-n-butylphthalate in NYCRR Part 375-6, the reported concentration of this SVOC is significantly below the Recommended Soil Cleanup Objective (RSCO) for di-n-butylphthalate (8,100 µg/kg), as referenced in NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046. Although detections of several TAL Metals were reported in the backfill soil samples, all of the reported concentrations of metals were below their respective Part 375-6.8(a) Unrestricted Use SCOs. Based upon the analytical results associated with the four (4) samples of imported backfill, the material was determined to be suitable for use as backfill at the Site. A copy of the laboratory analytical data for the backfill characterization samples is presented in Appendix E.

4.6 CONTAMINATION REMAINING AT THE SITE

4.6.1 Contamination Remaining In Soil

As was previously noted, it is understood that all of the forty (40) confirmatory soil samples arrived at the laboratory at a temperature of 15°C, which is above the required range of 4-6°C. Therefore, the laboratory analytical results for the forty (40) confirmatory soil samples are somewhat questionable and cannot be relied upon to conclude that Part 375-6.8(b) Restricted Commercial Use SCOs were met with respect to the 2005 Remedial Excavations. Based upon the laboratory analytical results associated with the forty (40) confirmatory soil samples collected from the eight (8) remedial excavations completed by GeoQuest in 2005 and given that subsequent groundwater sampling events have generally shown a 98% or greater reduction in Site-related contaminants, it appears that the vast majority of petroleum-impacted soil has been removed from the Site. However, as depicted on Figure 5, the following areas contain petroleum-impacted soil above the Part 375-6.8(a) Unrestricted Use SCOs (Track 1 SCOs):

- soil at the bottom (15 feet BGS) of Remedial Excavation #1 (based upon the results associated with confirmatory bottom soil sample from this area);
- soil around the active 4-inch diameter sewer lateral encountered along the southern portion of Remedial Excavation #8 [this area includes soil samples LaBella B-3 (8'-9.5') and DAY SB-12 (12.0')]; and,
- a soil sample from west of Remedial Excavation #8 – sample LaBella B-5 (8'-9.5').

Table 6 and Figure 5 summarize the results of all soil samples remaining at the Site after completion of Remedial Actions that exceed the Part 375-6.8(a) Unrestricted Use SCOs (Track 1 SCOs).

4.6.2 Contamination Remaining In Groundwater

Laboratory analysis of groundwater samples collected from four (4) existing bedrock interface wells (MW-14R, MW-15R, MW-16R, and MW-17R) indicates that residual petroleum-related groundwater contamination, with reported concentrations above NYS Part 703 Groundwater Standards and Guidance Values, remains on the eastern portion of the Site. Table 2 provides a summary of the post remedial action groundwater sampling results and these results are also shown on Figure 4.

The Excavation Work Plan (EWP) provided as Appendix C of the Site Management Plan (SMP), is intended to provide guidance in the identification and management of petroleum-impacted soil and groundwater that may be encountered during future ground-intrusive work at the Site (e.g., subsurface utility repair/replacement, etc.) The EWP provides procedures for handling, treating, and disposing, or re-using on-site any residually impacted soil or groundwater that may be encountered during future on-site subsurface work. As such, the EWP should be provided to all contractors, utility workers, maintenance personnel or anyone else conducting ground-intrusive work at the Site.

Since contaminated soil and groundwater remain beneath the Site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional

Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.

4.6.3 Qualitative Exposure Assessment for Contamination Remaining

This section provides a qualitative exposure assessment for the Site based upon the previous environmental investigations, IRM work, and recent groundwater sampling conducted at the Site. This qualitative exposure assessment has been completed in accordance with Appendix 3B (NYSDOH Qualitative Human Health Exposure Assessment) of NYSDEC Draft DER-10, Technical Guidance for Site Investigation and Remediation, dated December 2002.

Site Description

The Site is located on the eastern side of North Goodman Street in a commercial area of the City of Rochester (refer to Figure 1). The Site is improved with an approximately 62,000 square foot building containing a partial basement. The remaining portions of the Site are either concrete sidewalks or asphalt-paved, with the exception of some minor landscaped areas. In addition, the former biocell soils, which originated from remedial excavations at the Site, were ultimately graded into an existing soil berm on the easterly adjacent Village Gate Square property.

The Site is bordered CSX Goodman Street Yards and railroad tracks to the north and east, the Village Gate Square Mall to the south, and residential properties are located adjacent to the west of the Site, across North Goodman Street (see Figure 2). The CSX Goodman Street yard is an active NYSDEC Spill site with one (1) active and several inactive NYSDEC Spills listed for the facility. The Davis-Howland Oil Company NYSDEC Industrial Hazardous Waste Disposal Site (IHWDS # 828088) is located approximately 550 feet to the east-southeast of the Site.

As outlined in Section 4.7 of this FER, direct exposure to remaining contamination in soil/fill at the Site is prevented by a cover system. The Site's cover system is comprised of: the on-site building's concrete floor slab; exterior concrete sidewalks; asphalt-paved parking areas; and/or a minimum of one (1) foot of clean soil.

In addition, the former biocell soils were graded into an existing soil berm on the easterly adjacent Village Gate Square property and covered with one (1) foot of clean soil.

On-Site Exposure Assessment

- *On-Site Contaminant Source:* Prior to the 2005 remedial excavation work, petroleum-related VOCs were identified at the Site, at concentrations that exceeded the Part 375-6.8(b) Restricted Commercial Use SCOs and NYS Part 703 Groundwater Standards and Guidance Values. The source of the impacts appeared to be petroleum USTs that were previously removed from the Site. In addition, the IRM completed in 2005 appears to have effectively removed source area soils and groundwater from eight (8) areas of the Site. Groundwater impacts from post-IRM sampling indicated two (2) locations with VOC concentrations in groundwater greater than NYS Part 703 Groundwater Standards and Guidance Values.

- *On-Site Contaminant Release and Transport:* Since the remaining contaminants at the Site are relatively volatile, it appears that the most probable contaminant release and transport mechanisms are vapor migration through the vadose zone and migration via groundwater flow. An evaluation of the groundwater flow direction was completed as part of the RI, using the post-IRM groundwater monitoring wells. Based on the data obtained, groundwater appears to flow to the north or north-northwest.

- *On-Site Points of Exposure:*

  Soil

  Remaining contamination in soil at the Site appears to be located beneath asphalt pavement and is not readily accessible at the surface. As such, direct contact or ingestion of remaining contamination in soil does not appear to be a significant point of exposure during the course of standard operations at the Site. However, it is possible that future ground intrusive work at the Site (e.g., utility repairs) could encounter remaining contamination in soil and create a point of exposure.

Groundwater

The City of Rochester Code (Chapter 59, Article 3, 59-27) states, "No person shall use for drinking purposes, or in the preparation of food intended for human consumption, any water except the potable water supply authorized for public use by the City of Rochester" and "other water supplies, wells or springs used for cooling and washing purposes only, where food is prepared or sold for human consumption, shall be tested and approved by the Monroe County Health Director. All auxiliary water supplies used for commercial or industrial use shall have all hydrants and faucets conspicuously posted indicating that such water is not for drinking use, and such water supplies shall not be cross-connected or interconnected with the public water supply." This code has been interpreted to mean that groundwater within the City of Rochester limits cannot be used as a source of drinking water. There is no apparent groundwater extraction being conducted at, or in the immediate vicinity of, the Site. In addition, groundwater monitoring indicates that contaminants in groundwater along the down-gradient (northern) property line are below NYS Part 703 Groundwater Standards and Guidance Values. As such, it does not appear that ingestion of or contact with groundwater at the Site or groundwater migrating off-site are significant points of exposure. Nevertheless, it is possible that future ground intrusive work at the Site could encounter remaining contamination in groundwater and create a point of exposure.

Soil Vapor

Although remaining contamination in soil appears limited to beneath the Site's asphalt parking area, an active SSDS was installed beneath the floor of the on-site building as a precautionary measure, to protect the building occupants. In addition, groundwater monitoring indicates that contaminants in groundwater along the down-gradient (northern) property line are below NYS Part 703 Groundwater Standards and Guidance Values. Based on the above, inhalation of contaminants via soil vapor does not appear to be a significant point of exposure.

A Soil Vapor Intrusion (SVI) evaluation will be performed on all future buildings constructed at the Site.

- *On-Site Routes of Exposure:* Based on the types remaining contamination, the potential routes of exposure appear to be soil vapor intrusion into the on-site building and migration of groundwater off-site; however, since an active SSDS was installed beneath the on-site building and remaining contamination in groundwater along the down-gradient property line is below NYS Part 703 Groundwater Standards and Guidance Values, these routes of exposure do not appear to be a significant concern. However, it is possible that future ground intrusive work at the Site could create a route of exposure. For example, utility workers could come into contact with petroleum impacted soil and/or groundwater during utility repairs or installations.

- *On-Site Receptor Population:* Based upon the use of the Site, the receptor population appears to be the Site occupants and potentially construction workers (e.g., utility workers, redevelopment contractors, etc.) that could encounter remaining contamination in soil and/or groundwater in the event of subsurface utility repair/installation work. To prevent future exposure to remaining contamination at the Site, an Environmental Easement and Site Management Plan (SMP) have been created for the Site. Appendix C of the Site's SMP contains an Excavation Work Plan (EWP), which is intended to provide guidance in the identification and management of petroleum-impacted soil and groundwater that may be encountered during future ground-intrusive work at the Site (e.g., subsurface utility repair/replacement, etc.) The EWP provides procedures for handling, treating, and disposing, or re-using on-site any residually impacted soil or groundwater that may be encountered during future on-site subsurface work. As such, the EWP should be provided to all contractors, utility workers, maintenance personnel or anyone else conducting ground-intrusive work at the Site.

Off-Site Exposure Assessment

- ***Off-Site Contaminant Source:*** Three potential sources for off-site exposure were identified for consideration: 1) migration of contaminants from the Site through the groundwater; 2) migration of contaminants from the Site through soil gas; and 3) the off-site biocell.

  Biocell – During the IRM completed in 2005, the petroleum-impacted soil excavated from the Site was used to construct an ex-situ bioremediation biocell, which was constructed at the easterly adjacent Village Gate Square property. The former biocell soils were ultimately graded into an existing soil berm on the easterly adjacent Village Gate Square property and covered with one (1) foot of clean soil. In addition, since these soils have been remediated over time and the closure testing indicated that VOCs, SVOCs and Metals were not detected at concentrations that exceed their respective Part 375-6.8(b) Restricted Commercial Use SCOs or their respective Part 375-6.8(b) Restricted Use SCOs for the Protection of Groundwater, as such, the biocell soils are not considered a significant off-site source of exposure.

  Groundwater – Migration of contaminants in groundwater does not appear to be a viable off-site source since the downgradient wells have not identified contaminant concentrations of concern, as such, this source is not further evaluated in the off-site exposure assessment.

  Soil Vapor – Based on the review of the current levels of the remaining soil and groundwater contamination at this site, there does not appear to be a concern for petroleum related VOCs from this site to affect the offsite building to the south.

- *Contaminant Release and Transport:*

  Biocell – Since the remaining contamination in the former biocell soils are at concentrations below the Part 375-6.8(b) Restricted Use SCOs for the Protection of Groundwater, release and transport to groundwater does not appear to be an issue for the biocell soils. Since the contaminants are relatively volatile, it appears that the most probable contaminant release

and transport mechanisms for the biocell soils would be vapor migration through clean soil cover.

Soil Vapor – Based on the review of the current levels of the remaining soil and groundwater contamination at this site, there does not appear to be a concern for petroleum related VOCs from this site to affect the offsite building to the south.

- *Off-Site Points of Exposure:*

Biocell – Remaining contaminants in the former biocell soils are located beneath one (1) foot of clean soil cover and are not readily accessible at the surface. As such, direct contact or ingestion of off-site remaining contamination in soil does not appear to be a significant point of exposure under standard operations in the vicinity of the Site. However, it is possible that future ground intrusive work within the berm containing the former biocell soils could encounter remaining contamination in soil and create a point of exposure. In addition, given that the former biocell soils have been placed and "capped" in an exterior, urban area, inhalation of remaining contaminants does not appear to be a significant point of exposure

Soil Vapor – Based on the review of the current levels of the remaining soil and groundwater contamination at this site, there does not appear to be a concern for petroleum related VOCs from this site to affect the offsite building to the south.

- *Off-Site Routes of Exposure:*

Biocell – It is possible that future ground intrusive work within the berm containing the former biocell soils could encounter remaining contamination in soil and create a point of exposure. For example, utility workers could come into contact with petroleum impacted soil if the clean soil cover atop the former biocell soils was disturbed.

Soil Vapor – Based on the review of the current levels of the remaining soil and groundwater contamination at this site, there does not appear to be a concern for petroleum related VOCs from this site to affect the offsite building to the south.

- *Off-Site Receptor Population:*

  Biocell – Based on the type of use at the Site, the receptor population appears to be limited to construction workers (e.g., utility workers, redevelopment contractors, etc.) that could encounter former biocell soil if the clean soil cover atop the former biocell soils was disturbed. The EWP (Appendix C of the Site's SMP) provides procedures for handling, treating, and disposing, or re-using on-site any residually impacted soil or groundwater that may be encountered during future subsurface work. As such, the EWP should be provided to all contractors, utility workers, maintenance personnel or anyone else conducting ground-intrusive work in the vicinity of the former biocell soils. If the berm containing the former biocell soil remains intact and undisturbed, then there does not appear to be a completed off-site route of exposure.

  Soil Vapor – Based on the review of the current levels of the remaining soil and groundwater contamination at this site, there does not appear to be a concern for petroleum related VOCs from this site to affect the offsite building to the south.

4.7 SOIL COVER SYSTEM

The Site's Soil Cover System is comprised of: the on-site building's concrete floor slab; exterior concrete sidewalks; asphalt-paved parking areas; and/or a minimum of one (1) foot of clean soil. In addition, the former biocell soils were graded into an existing off-site soil berm (see Figure 2) located on the easterly adjacent Village Gate Square property and then covered with one (1) foot of clean soil. Based upon the understood depths of the backfill placed in the 2005 IRM excavations (i.e., ranging from 3 to 15 feet) and the depths of soil samples collected from borings documenting remaining contamination in soil at the Site, (i.e., LaBella borings B-3 and B-5 and DAY boring SB-12), there is at least 3 feet, and as much as 15 feet, of soil cover atop the remaining contamination at the Site.

The EWP that appears in Appendix C of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed.

Procedures for the inspection and maintenance of this cover are provided in the Monitoring Plan included in Section 4 of the SMP.

4.8 OTHER ENGINEERING CONTROLS

Since remaining contaminated soil and groundwater exist beneath the Site, an active Sub-Slab Depressurization System (SSDS) was installed beneath the concrete slab of the on-site building between November 2006 and May 2009. The SSDS was installed in accordance with the NYSDEC-approved plans and details for the project [Wyffels Engineering, PLLC (Wyffels) drawings M-1 and M-2 dated October 25, 2005]. A copy of the design drawings and details, by Wyffels, for the active SSDS are included in Appendix F.

On August 16, 2007, Stern Properties and LaBella installed sub-slab monitoring points throughout the building and collected sub-slab pressure readings. The approximate SSDS vent fan locations and monitoring points are shown on Figure 6.

An "as-built" drawing for the SSDS vent fans installed within the on-site building is included as Figure 7.

Pressure readings collected to date from the sub-slab monitoring points are summarized in Table 7. As shown in Table 7, vacuum readings collected from these monitoring points indicated negative pressures beneath the floor slab throughout the on-site building, which indicates that the SSDS is providing adequate vacuum beneath the building's floor slab mitigate soil vapor intrusion into the on-site building.

As detailed in the SMP for the Site (see Sections 3 and 4 of the SMP), monthly monitoring of the Site's SSDS will be performed to ensure that the system is operating properly. Operations, Monitoring, and Maintenance (OM&M) activities will be performed by employees of the Owner of the Site, the Owner's Environmental Consultant, or other qualified personnel. A visual inspection of the entire system will be conducted during each monitoring event. To ensure that the SSDS fans are operating properly, SSDS components and labeling will be visually inspected, including: manometers and alarm systems associated with each Vent Fan, the Vent Fans themselves,

and overall system piping and wiring. Manometers will be checked annually to ensure they are performing properly.

Any future building renovations will maintain the integrity and performance of the SSDS, and the SSDS will operate continuously until it is approved for decommissioning by the NYSDEC and NYSDOH. If decommissioning of the SSDS is approved by the NYSDEC and NYSDOH, then all above-slab components of the SSDS will be removed and properly disposed of and the penetrations in the concrete floor slab will be repaired.

4.9 INSTITUTIONAL CONTROLS

The Site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to commercial uses only.

The environmental easement for the Site was executed by the Department on December 15, 2009 and filed with the Monroe County Clerk on December 22, 2009. The County Recording Identifier number for this filing is Document Number 200912220875 (Liber 10829, Pages 346 to 354). A copy of the easement and proof of filing is provided in Appendix A.

4.10 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

A portion of the petroleum-impacted soil excavated during the 2005 IRM was to be treated ex-situ in a biocell constructed at the adjacent Village Gate Square property, with the remainder of the impacted soil transported off-site for disposal at an approved landfill. However, prior to the completion of the IRM project, it was decided to place all excavated soil that was determined to be contaminated into the biocell, thus foregoing off-site disposal of a portion of the soil. Based upon the surveyed areas of the eight remedial excavations and the reported depth of each excavation, the actual volumes excavated from the Site were a total of 3,116 cubic yards of soil with 2,103 cubic yards of impacted soil placed in the biocell.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Figures

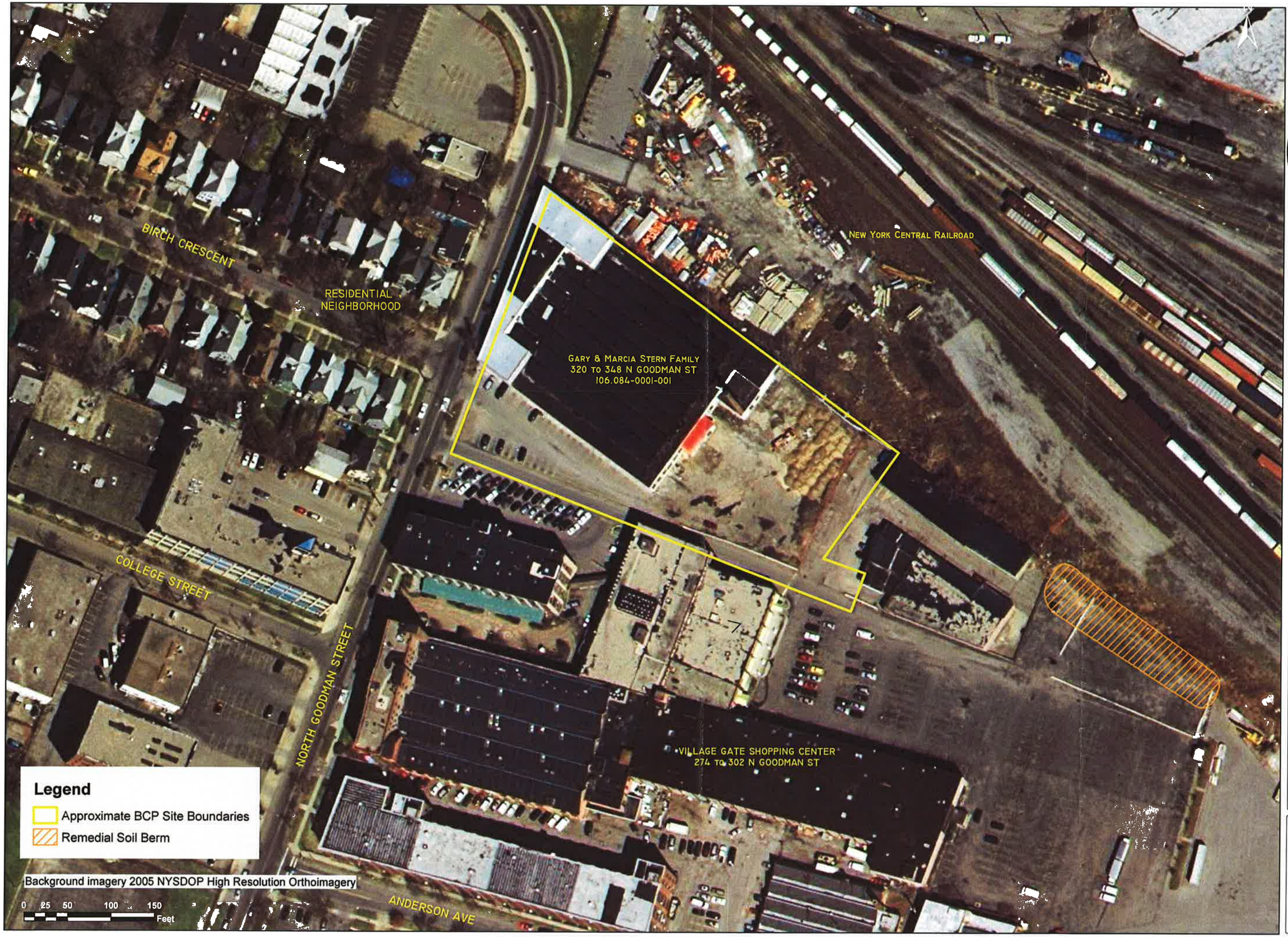
Stern Family Properties
320 North Goodman Street
BCP #C828115

Scale: 1:10,000

N

LABELLA Associates, P.C.
300 STATE STREET
ROCHESTER, NY 14614
P: (585) 454-6110
F: (585) 454-3066

Y:\Stern Family Limited Partnership (Gary & Marcia)\208613\Drawings\BCPuserfriendly.mxd - 9/16/2009 @ 3:15:30 PM



In violation of New York Education Law Article 145 Section 7209, for any person, unless acting under the direction of a licensed professional engineer or land surveyor, to alter an item in any way. If an item bearing the stamp and signature of a licensed professional engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item their seal and notation "altered" followed by their signature and the date of such alteration, and a specific description of the alteration.

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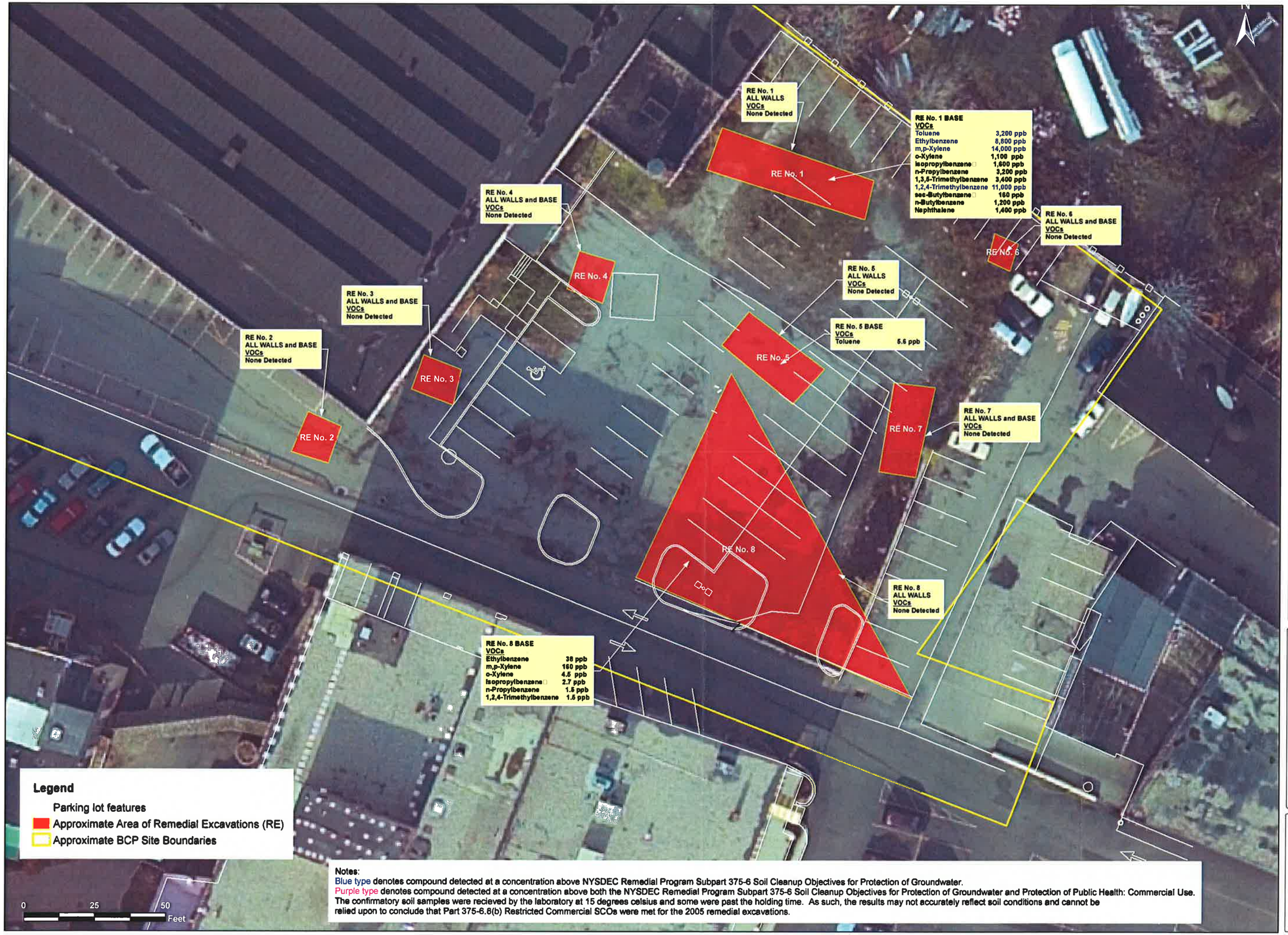
PROJECT/CLIENT
FINAL ENGINEERING REPORT
NYSDEC BCP Site No. C828115
320 NORTH GOODMAN ST
ROCHESTER, NEW YORK

DRAWING TITLE
SITE BOUNDARIES

ISSUED FOR: REVIEW
DESIGNED BY: JJW
DRAWN BY: JJW
REVIEWED BY: DPN
DATE: MAY 2007

PROJECT/DRAWING NUMBER
208613
FIGURE 2



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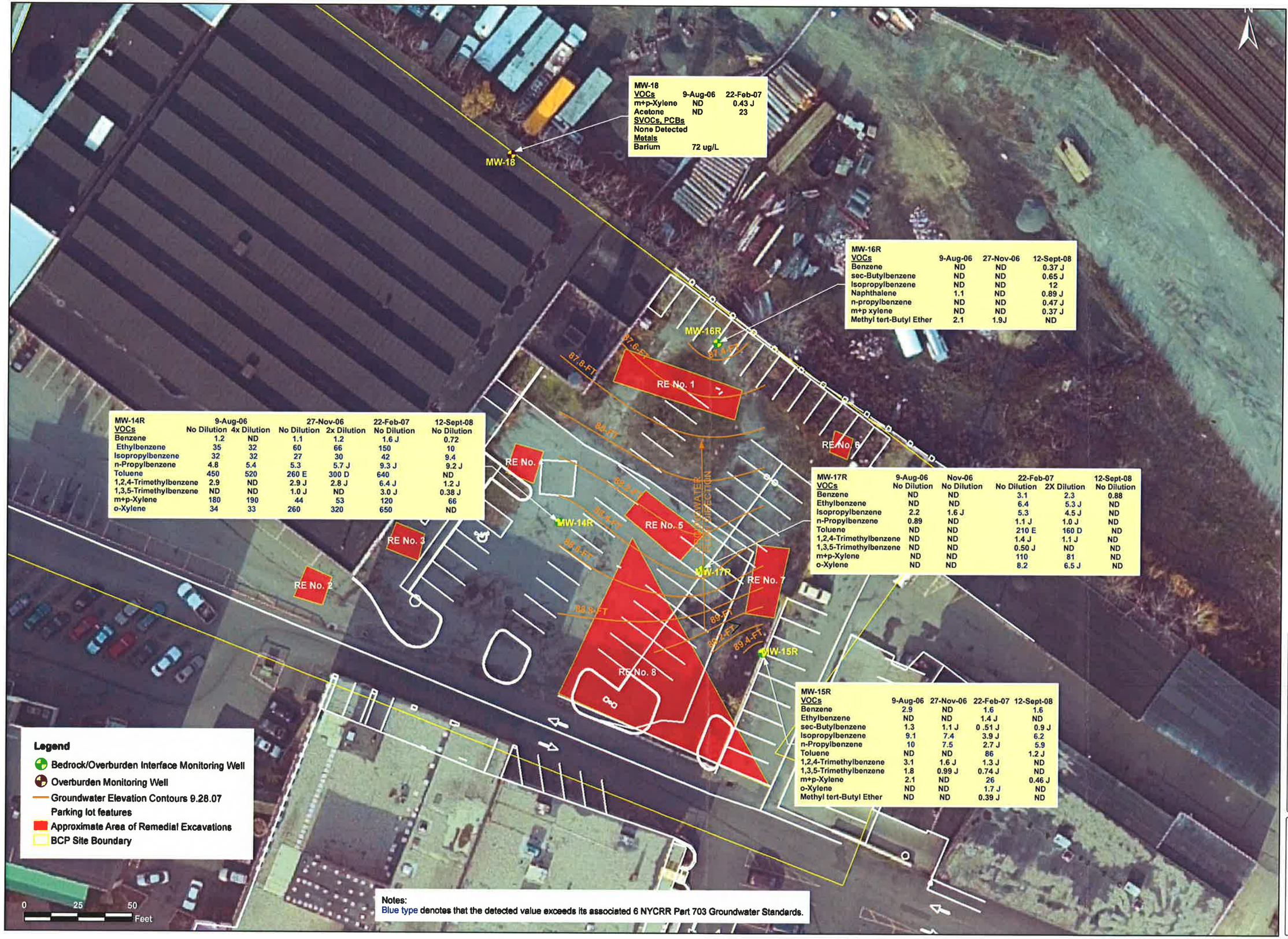
PROJECT/CLIENT
FINAL ENGINEERING REPORT
NYSDEC BCP Site No. C828115
320 NORTH GOODMAN ST
ROCHESTER, NEW YORK

DRAWING TITLE
IRM EXCAVATION AREAS AND CONFIRMATORY SOIL ANALYTICAL RESULTS

ISSUED FOR: REVIEW
DESIGNED BY: DEP
DRAWN BY: RCN
REVIEWED BY: DPN
DATE: AUGUST 2009

PROJECT/DRAWING NUMBER
208613
FIGURE 3



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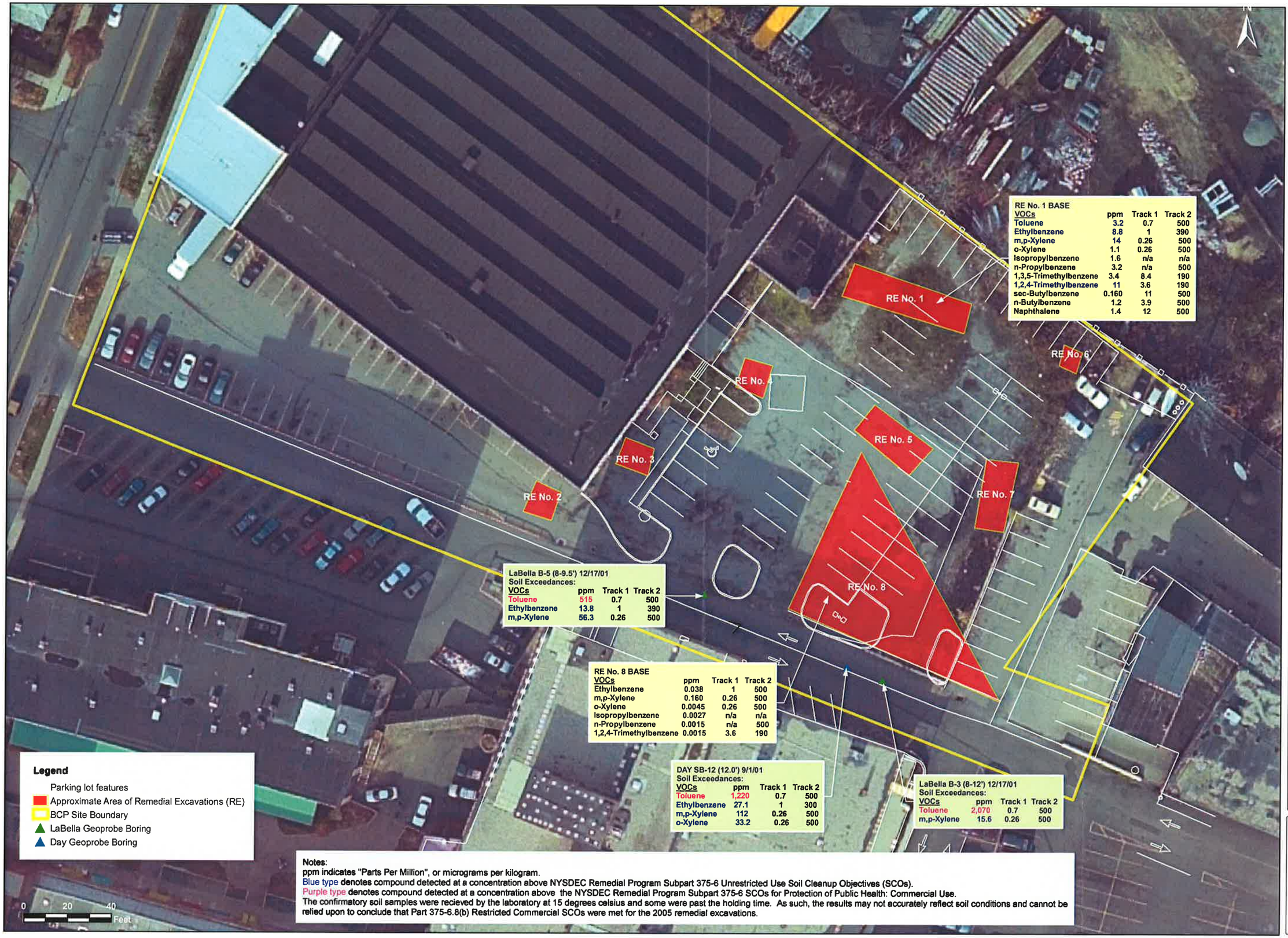
PROJECT/CLIENT
FINAL ENGINEERING REPORT
NYSDEC BCP Site No. C828115
320 NORTH GOODMAN ST
ROCHESTER, NEW YORK

DRAWING TITLE
POST-IRM GROUNDWATER ANALYTICAL RESULTS

ISSUED FOR: REVIEW
DESIGNED BY: DEP
DRAWN BY: RCN
REVIEWED BY: DPN
DATE: AUGUST 2009

PROJECT/DRAWING NUMBER
208613
FIGURE 4



RE No. 1 BASE			
VOCs	ppm	Track 1	Track 2
Toluene	3.2	0.7	500
Ethylbenzene	8.8	1	390
m,p-Xylene	14	0.26	500
o-Xylene	1.1	0.26	500
Isopropylbenzene	1.6	n/a	n/a
n-Propylbenzene	3.2	n/a	500
1,3,5-Trimethylbenzene	3.4	8.4	190
1,2,4-Trimethylbenzene	11	3.6	190
sec-Butylbenzene	0.160	11	500
n-Butylbenzene	1.2	3.9	500
Naphthalene	1.4	12	500

LaBella B-5 (8-9.5') 12/17/01 Soil Exceedances:			
VOCs	ppm	Track 1	Track 2
Toluene	515	0.7	500
Ethylbenzene	13.8	1	390
m,p-Xylene	56.3	0.26	500

RE No. 8 BASE			
VOCs	ppm	Track 1	Track 2
Ethylbenzene	0.038	1	500
m,p-Xylene	0.160	0.26	500
o-Xylene	0.0045	0.26	500
Isopropylbenzene	0.0027	n/a	n/a
n-Propylbenzene	0.0015	n/a	500
1,2,4-Trimethylbenzene	0.0015	3.6	190

DAY SB-12 (12.0') 9/1/01 Soil Exceedances:			
VOCs	ppm	Track 1	Track 2
Toluene	1,220	0.7	500
Ethylbenzene	27.1	1	300
m,p-Xylene	112	0.26	500
o-Xylene	33.2	0.26	500

LaBella B-3 (8-12') 12/17/01 Soil Exceedances:			
VOCs	ppm	Track 1	Track 2
Toluene	2,070	0.7	500
m,p-Xylene	15.6	0.26	500

Legend

- Parking lot features
- Approximate Area of Remedial Excavations (RE)
- BCP Site Boundary
- LaBella Geoprobe Boring
- Day Geoprobe Boring

Notes:
ppm indicates "Parts Per Million", or micrograms per kilogram.
Blue type denotes compound detected at a concentration above NYSDEC Remedial Program Subpart 375-6 Unrestricted Use Soil Cleanup Objectives (SCOs).
Purple type denotes compound detected at a concentration above the NYSDEC Remedial Program Subpart 375-6 SCOs for Protection of Public Health: Commercial Use.
The confirmatory soil samples were recieved by the laboratory at 15 degrees celsius and some were past the holding time. As such, the results may not accurately reflect soil conditions and cannot be relied upon to conclude that Part 375-6.8(b) Restricted Commercial SCOs were met for the 2005 remedial excavations.

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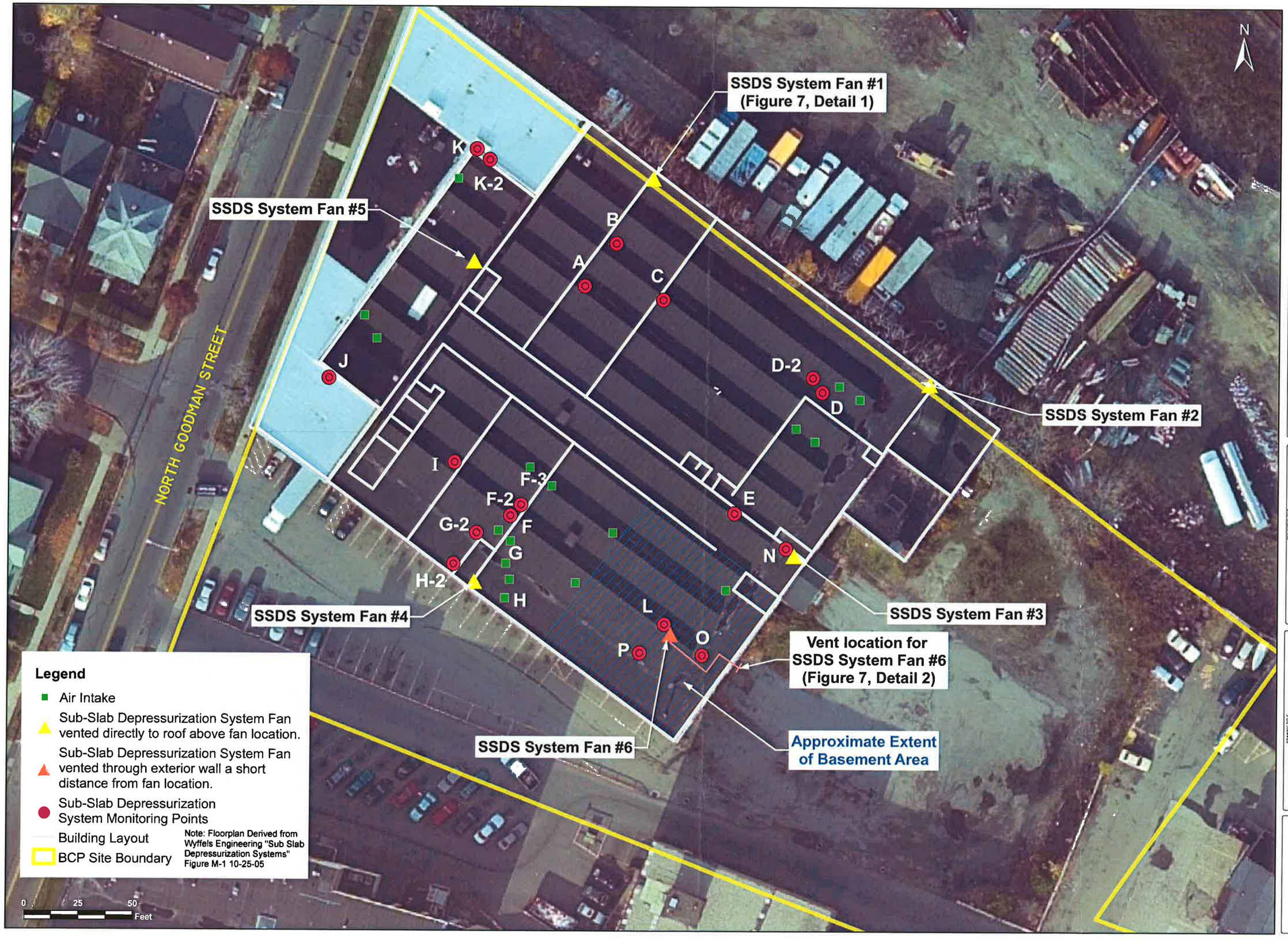
PROJECT ASSIGNMENT
FINAL ENGINEERING REPORT
NYSDEC BCP Site No. C828115
320 NORTH GOODMAN ST
ROCHESTER, NEW YORK

DRAWING TITLE
AREAS OF IMPACTS LEFT IN PLACE ABOVE UNRESTRICTED USE SCOs

ISSUED FOR: REVIEW
DESIGNED BY: DEP
DRAWN BY: RCN
REVIEWED BY: DPN
DATE: OCTOBER 2009

PROJECT/DRAWING NUMBER
208613
FIGURE 5



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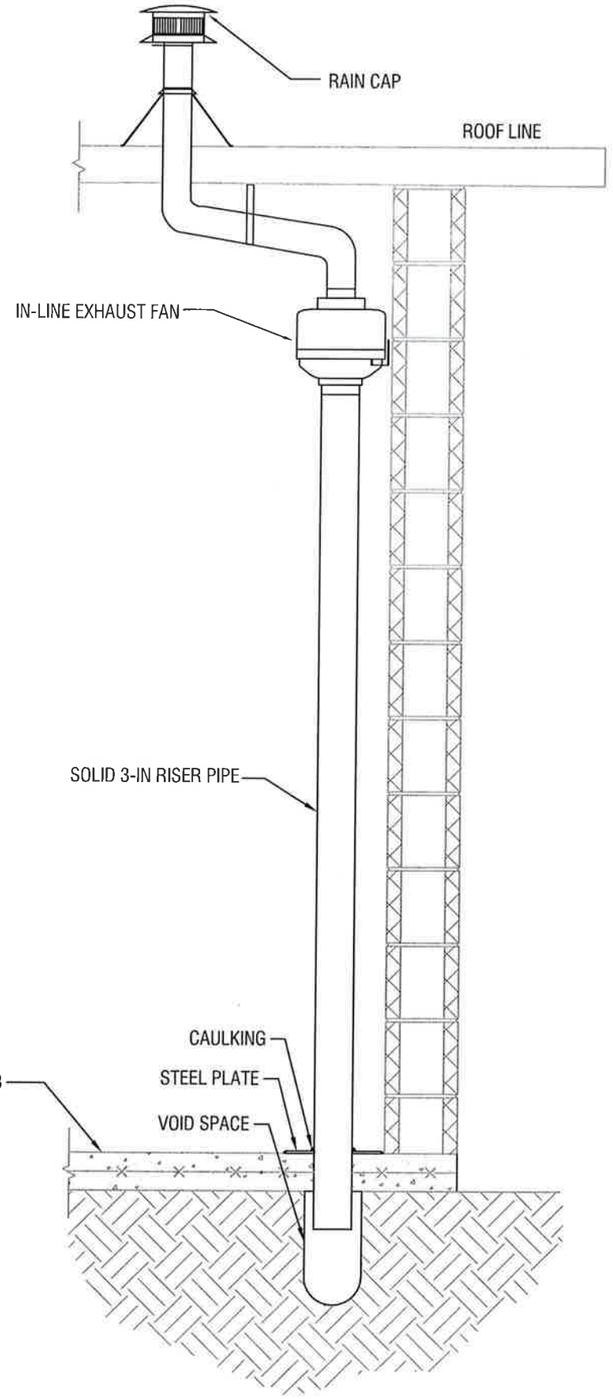
PROJECT/CLIENT
FINAL ENGINEERING REPORT
NYSDEC BCP Site No. C828115
320 NORTH GOODMAN ST
ROCHESTER, NEW YORK

DRAWING TITLE
SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT AND MONITORING POINTS

ISSUED FOR: REVIEW
DESIGNED BY: DEP
DRAWN BY: RCN
REVIEWED BY: DPN
DATE: AUGUST 2009

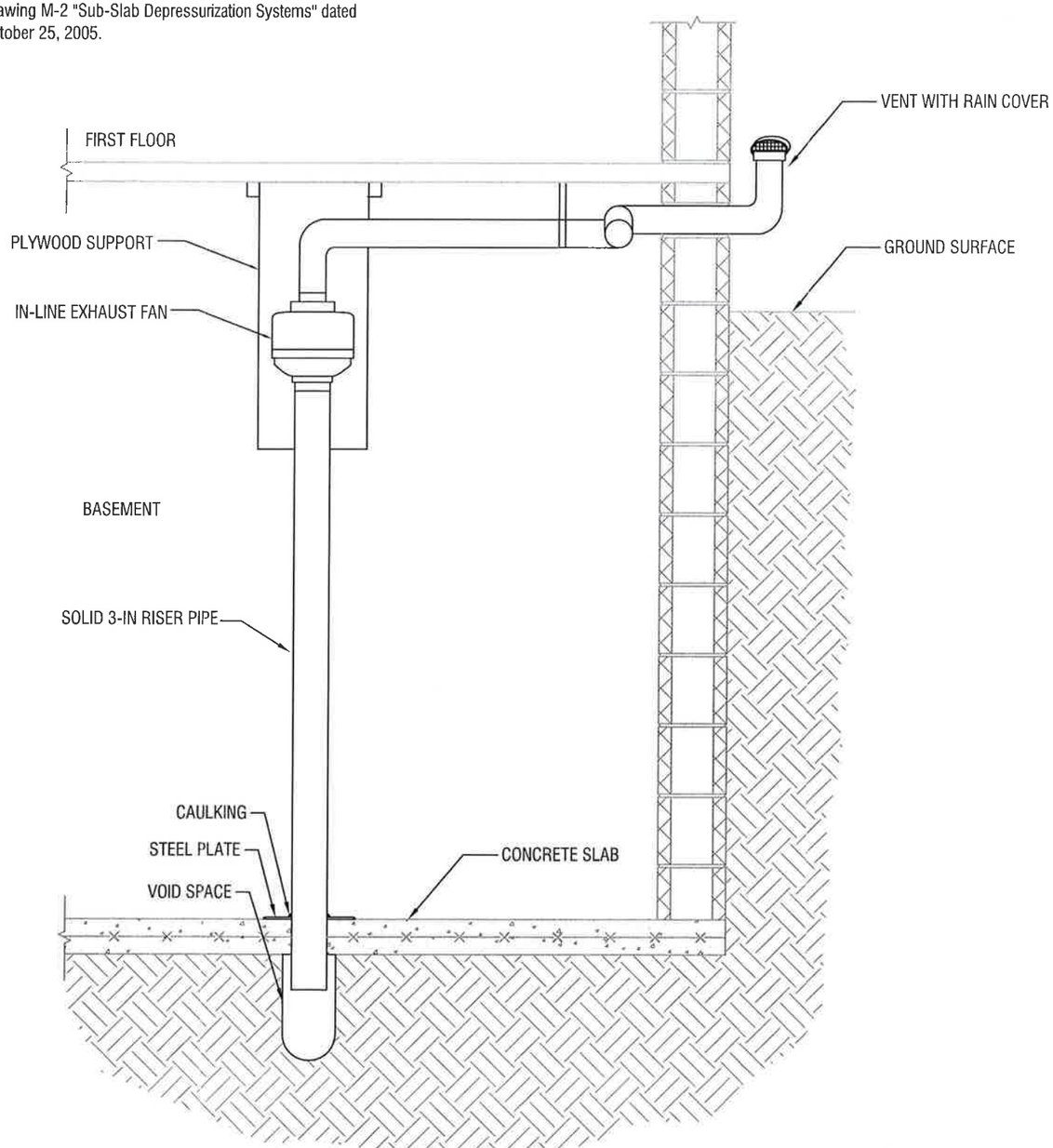
PROJECT/DRAWING NUMBER
208613
FIGURE 6

NOTES:
(1) Building materials and construction are for system depiction only - actual conditions may vary.
(2) Sub-surface portions of design assumed to be constructed according to Wyffels Engineering, PLLC. Drawing M-2 "Sub-Slab Depressurization Systems" dated October 25, 2005.



1 SSD SYSTEM DETAILS - FANS 1 THROUGH 5

NOT TO SCALE



2 SSD SYSTEM DETAILS - FAN 6

NOT TO SCALE

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PROJECT/CLIENT
FINAL ENGINEERING REPORT
NYSDEC BCP Site No. C828115
320 NORTH GOODMAN ST
ROCHESTER, NEW YORK

DRAWING TITLE
AS-BUILT
SUB-SLAB DEPRESSURIZATION SYSTEM

DESIGNED BY: RCN
DRAWN BY: RCN
REVIEWED BY: KM
ISSUED FOR: DRAFT
DATE: OCTOBER 2009

PROJECT/DRAWING NUMBER
208613
FIGURE 7

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Tables

Table 1
Volatile Organic Compounds in Confirmatory Soil Samples
GeoQuest April 2005 Interim Remedial Measure (IRM)
320 North Goodman Street, Rochester, New York
USEPA Method 8021 or 8260

Compound	Remedial Excavation #1					Remedial Excavation #2					NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	East Wall (10.0-10.5 ft)	West Wall (8.0-8.5 ft)	North Wall (7.0-7.5 ft)	South Wall (7.0-7.5 ft)	Base (15.0 ft)	East Wall (2.5–3.0 ft)	West Wall (2.5–3.0 ft)	North Wall (2.5–3.0 ft)	South Wall (2.5–3.0 ft)	Base (3.0 ft)		
Methyl tert-Butyl Ether	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <140 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	930	500,000
Benzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <140 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	60	44,000
Toluene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	**3,200** J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	700	500,000
Ethylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	**8,800** J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	1,000	390,000
m,p-Xylene	ND <2.2 UJ	ND <2.2 UJ	ND <2.2 UJ	ND <2.2 UJ	**14,000** J	ND <2.2 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.2 UJ	ND <2.3 UJ	260 †	500,000 †
o-Xylene	ND <2.2 UJ	ND <2.2 UJ	ND <2.2 UJ	ND <2.2 UJ	**1,100** J	ND <2.2 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.2 UJ	ND <2.3 UJ	260 †	500,000 †
Isopropylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	1,600 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	N/A	N/A
n-Propylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	3,200 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	3,900	500,000
1,3,5-Trimethylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	3,400 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	8,400	190,000
tert-Butylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <140 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	5,900	500,000
1,2,4-Trimethylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	11,000 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	3,600	190,000
sec-Butylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	160 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	11,000	500,000
p-Isopropyltoluene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <140 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	N/A	N/A
n-Butylbenzene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	1,200 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	12,000	500,000
Naphthalene	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	ND <1.1 UJ	1,400 J	ND <1.1 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.1 UJ	12,000	500,000
Total Detected VOCs	None Detected	None Detected	None Detected	None Detected	49,060 J	None Detected	None Detected	None Detected	None Detected	None Detected	N/A	N/A

Bold type denotes a concentration above NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives).
† denotes that the Soil Cleanup Objectives shown are for total xylenes (i.e., m+p-xylene and o-xylene).
All sample results and Soil Cleanup Objectives are shown in micrograms per kilogram (µg/kg) = parts per billion (ppb)
N/A = Not Applicable
ND= Not Detected
J = indicates an estimated value
UJ = indicates an estimated value that is below the method detection limit

Table 1 (Continued)
Volatile Organic Compounds in Confirmatory Soil Samples
GeoQuest April 2005 Interim Remedial Measure (IRM)
320 North Goodman Street, Rochester, New York
USEPA Method 8021 or 8260

Compound	Remedial Excavation #3					Remedial Excavation #4					NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	East Wall (8.0-9.0 ft)	West Wall (8.0-9.0 ft)	North Wall (8.0-9.0 ft)	South Wall (8.0-8.5 ft)	Base (10.0- t)	East Wall (10.0-10.5 ft)	West Wall (12.0-13.0 ft)	North Wall (7.0-7.5 ft)	South Wall (14.0-14.5 ft)	Base (14.0 ft)		
Methyl tert-Butyl Ether	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	930	500,000
Benzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	60	44,000
Toluene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	700	500,000
Ethylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	1,000	390,000
m,p-Xylene	ND <2.3 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.5 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	260 †	500,000 †
o-Xylene	ND <2.3 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.5 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	260 †	500,000 †
Isopropylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	N/A	N/A
n-Propylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	3,900	500,000
1,3,5-Trimethylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	8,400	190,000
tert-Butylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	5,900	500,000
1,2,4-Trimethylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	3,600	190,000
sec-Butylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	11,000	500,000
p-Isopropyltoluene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	N/A	N/A
n-Butylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	12,000	500,000
Naphthalene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	12,000	500,000
Total Detected VOCs	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	N/A	N/A

Bold type denotes a concentration above NYSDEC Part 375-6 Soil Cleanup Objectives to Protect Groundwater Quality.
† denotes that the Soil Cleanup Objectives shown are for total xylenes (i.e., m+p-xylene and o-xylene).
All sample results and Soil Cleanup Objectives are shown in micrograms per kilogram (µg/kg) = parts per billion (ppb)
N/A = Not Applicable
ND= Not Detected
UJ = indicates an estimated value that is below the method detection limit

Table 1 (Continued)
Volatile Organic Compounds in Confirmatory Soil Samples
GeoQuest April 2005 Interim Remedial Measure (IRM)
320 North Goodman Street, Rochester, New York
USEPA Method 8021 or 8260

Compound	Remedial Excavation #5					Remedial Excavation #6					NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	East Wall (10.0-10.5 ft)	West Wall (6.0-6.5 ft)	North Wall (7.0-7.5 ft)	South Wall (9.0-9.5 ft)	Base (15.0 ft)	East Wall (6.0-6.5 ft)	West Wall (6.5-7.0 ft)	North Wall (5.0-5.5 ft)	South Wall (4.5-5.0 ft)	Base (7.0 ft)		
Methyl tert-Butyl Ether	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	930	500,000
Benzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	60	44,000
Toluene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	5.6 J	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	700	500,000
Ethylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	1,000	390,000
m,p-Xylene	ND <2.4 UJ	ND <2.5 UJ	ND <2.4 UJ	ND <2.5 UJ	ND <2.4 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.3 UJ	260 †	500,000 †
o-Xylene	ND <2.4 UJ	ND <2.5 UJ	ND <2.4 UJ	ND <2.5 UJ	ND <2.4 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.4 UJ	ND <2.3 UJ	260 †	500,000 †
Isopropylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	N/A	N/A
n-Propylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	3,900	500,000
1,3,5-Trimethylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	8,400	190,000
tert-Butylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	5,900	500,000
1,2,4-Trimethylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	3,600	190,000
sec-Butylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	11,000	500,000
p-Isopropyltoluene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	N/A	N/A
n-Butylbenzene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	12,000	500,000
Naphthalene	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	12,000	500,000
Total Detected VOCs	None Detected	None Detected	None Detected	None Detected	5.6 J	None Detected	None Detected	None Detected	None Detected	None Detected	N/A	N/A

Bold type denotes a concentration above NYSDEC Part 375-6 Soil Cleanup Objectives to Protect Groundwater Quality.
† denotes that the Soil Cleanup Objectives shown are for total xylenes (i.e., m+p-xylene and o-xylene).
All sample results and Soil Cleanup Objectives are shown in micrograms per kilogram (µg/kg) = parts per billion (ppb)
N/A = Not Applicable
ND= Not Detected
J = indicates an estimated value
UJ = indicates an estimated value that is below the method detection limit

Table 1 (Continued)
Volatile Organic Compounds in Confirmatory Soil Samples
GeoQuest April 2005 Interim Remedial Measure (IRM)
320 North Goodman Street, Rochester, New York
USEPA Method 8021 or 8260

Compound	Remedial Excavation #7					Remedial Excavation #8					NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	East Wall (12.0-12.5 ft)	West Wall (10.0-10.5 ft)	North Wall (7.5-8.0 ft)	South Wall (5.0-5.5 ft)	Base (15.0 ft)	East Wall (12.0-12.5 ft)	West Wall (7.0-7.5 ft)	Northwest Wall (8.0-8.5 ft)	South Wall (9.0-9.5 ft)	Base (12.0 ft)		
Methyl tert-Butyl Ether	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	930	500,000
Benzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	60	44,000
Toluene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	700	500,000
Ethylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	38 J	1,000	390,000
m,p-Xylene	ND <2.4 UJ	ND <2.2 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.3 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.3 UJ	ND <2.4 UJ	160 J	260 †	500,000 †
o-Xylene	ND <2.4 UJ	ND <2.2 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.3 UJ	ND <2.3 UJ	ND <2.4 UJ	ND <2.3 UJ	ND <2.4 UJ	4.5 J	260 †	500,000 †
Isopropylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	2.7 J	N/A	N/A
n-Propylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	1.5 J	3,900	500,000
1,3,5-Trimethylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	8,400	190,000
tert-Butylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	5,900	500,000
1,2,4-Trimethylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	1.5 J	3,600	190,000
sec-Butylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	11,000	500,000
p-Isopropyltoluene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	N/A	N/A
n-Butylbenzene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	12,000	500,000
Naphthalene	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.1 UJ	ND <1.2 UJ	ND <1.2 UJ	12,000	500,000
Total Detected VOCs	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	208.2 J	N/A	N/A

Bold type denotes a concentration above NYSDEC Part 375-6 Soil Cleanup Objectives to Protect Groundwater Quality.
† denotes that the Soil Cleanup Objectives shown are for total xylenes (i.e., m+p-xylene and o-xylene).
All sample results and Soil Cleanup Objectives are shown in micrograms per kilogram (µg/kg) = parts per billion (ppb)
N/A = Not Applicable
ND= Not Detected
J = indicates an estimated value
UJ = indicates an estimated value that is below the method detection limit

Table 2
Summary of Detected Volatile Organic Compounds (VOCs) in Post-IRM Groundwater
320 North Goodman Street, Rochester, New York
Results Shown in Micrograms per Liter (µg/L) or about Parts per Billion (ppb)

	Groundwater Samples																NYSDEC TOGS 1.1.1 and NYS Part 703 Groundwater Standards and Guidance Values
	MW-14R				MW-15R				MW-16R			MW-17R				MW-18R		
	8/9/2006	11/27/2006	2/22/2007	9/12/2008	8/9/2006	11/27/2006	2/22/2007	9/12/2008	8/9/2006	11/27/2006	9/12/2008	8/9/2006	11/27/2006	2/22/2007	9/12/2008	8/9/2006	2/22/2007	
benzene	**1.2**	**1.2**	**1.6 J**	0.72	**2.9**	ND <1.0	**1.6**	**1.6**	ND <1.0	ND <1.0	0.37 J	ND <1.0	ND <1.0	**3.1**	0.88	ND <1.0	ND <1.0	1
sec-Butylbenzene	ND<5.0	ND<5.0	ND<25	ND<5	1.3	1.1 J	0.51 J	0.9 J	ND <5.0	ND <5.0	0.65 J	ND <5.0	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	5
Ethylbenzene	**35**	**60**	**150**	**10**	ND <5.0	ND <5.0	1.4 J	ND<5	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	**6.4**	ND<5	ND <5.0	ND <5.0	5
Isopropylbenzene	**32**	**27**	**42**	**9.4**	**9.1**	**7.4**	3.9 J	**6.2**	ND <5.0	ND <5.0	**12**	2.2	1.6 J	**5.3**	ND<5	ND <5.0	ND <5.0	5
Naphthalene	ND<5.0	ND<5.0	ND<25	ND<5	ND <5.0	ND <5.0	ND <5.0	0.51 J	1.1	ND <5.0	0.89 J	ND <5.0	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	10
n-Propylbenzene	4.8	**5.3**	**9.3 J**	1.2 J	**10**	**7.5**	2.7 J	**5.9**	ND <5.0	ND <5.0	0.47 J	0.89	ND <5.0	1.1 J	ND<5	ND <5.0	ND <5.0	5
Toluene	**450**	**300 D**	**640**	ND<5	ND <5.0	ND <5.0	**86**	1.2 J	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	**160 D**	ND<5	ND <5.0	ND <5.0	5
1,2,4-Trimethylbenzene	2.9	2.9 J	**6.4 J**	1.2 J	3.1	1.6 J	1.3 J	ND<5	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	1.4 J	ND<5	ND <5.0	ND <5.0	5
1,3,5-Trimethylbenzene	ND<5.0	1.0 J	3.0 J	0.38 J	1.8	0.99 J	0.74 J	ND<5	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	0.50 J	ND<5	ND <5.0	ND <5.0	5
m+p-Xylene	**180**	**44**	**120**	**66**	2.1	ND <5.0	**26**	0.46 J	ND <5.0	ND <5.0	0.59 J	ND <5.0	ND <5.0	**110**	ND<5	ND <5.0	0.43 J	5
o-Xylene	**34**	**260**	**650**	ND<5	ND <5.0	ND <5.0	**1.7 J**	ND<5	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	**8.2**	ND<5	ND <5.0	ND <5.0	5
MTBE	ND<5.0	ND<5.0	ND<25	ND<5	ND <5.0	ND <5.0	0.39 J	ND<5	2.1	1.9 J	ND<5	ND <5.0	ND <5.0	ND <5.0	ND<5	ND <5.0	ND <5.0	10
Total VOCs	739.9	701.4	1622.3	88.9	30.3	18.59	125.9	16.77	3.2	1.9	14.97	3.09	1.6	296	0.88	0	0.43	NS

Notes:
NYSDEC STARS-list VOC analysis by United States Environmental Protection Agency (USEPA) Method 8021
Bold Type denotes a reported concentration that exceeds its respective NYSDEC TOGS 1.1.1 and NYS Part 703 Groundwater Standard or Guidance Value.
"ND <150" denotes that the constituent was Not Detected above the laboratory method detection limit shown.
"NS" indicates "Not Specified"
J = indicates an estimated value that is below the method detection limit.
D = indicates dilution of the sample or extract was performed

Table 3
Summary of Detected Volatile Organic Compounds (VOCs) in Biocell Soil
320 North Goodman Street, Rochester, New York
Results Shown in Micrograms per Kilogram (µg/kg) or about Parts per Billion (ppb)

Constituent	Biocell Soil Samples									NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	BC8-08-1	BC8-08-2	BC8-08-3	BC8-08-4	BC8-08-5	BC8-08-6	BC8-08-7	BC8-08-8	BC8-08-9		
	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008		
Acetone	2 JB	1.1 JB	1.1 JB	ND<23	ND<23	ND<22	1.7 JB	ND<23	1.4 JB	50	500,000
Methylene Chloride	0.49 JB	ND<5.8	0.47 J	0.42 J	ND<5.9	0.52 J	ND<5.7	ND<5.7	ND<5.7	50	500,000
Naphthalene	ND<5.8	ND<5.8	ND<5.8	ND<5.6	ND<5.9	ND<5.6	ND<5.7	ND<5.7	1.8 J	12,000	500,000
Toluene	0.5 J	ND<5.8	0.49 J	ND<5.6	ND<5.9	ND<5.6	ND<5.7	ND<5.7	ND<5.7	700	500,000
Trichloroethene	1.1 J	0.59 J	2.6 J	2.4 J	ND<5.9	2.2 J	1.0 J	0.86 J	ND<5.7	470	200,000
1,3,5-Trimethylbenzene	ND<5.8	ND<5.8	ND<5.8	ND<5.6	ND<5.9	ND<5.6	ND<5.7	ND<5.7	0.53 J	8,400	190,000
1,2,4-Trimethylbenzene	ND<5.8	ND<5.8	ND<5.8	ND<5.6	ND<5.9	ND<5.6	ND<5.7	ND<5.7	0.82 J	3,600	190,000

Notes:

VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260

ND<180 indicates that the compound was analyzed for, but not detected at of above the Contract Required Quantitation Limit (CRQL), or the compound was not detected due to qualification through the method or field blank.

J = Estimated value – The analyte was positively identified; but the associated numerical value is the approximate concentration of the analyte in the sample.

B = Indicates a low-level concentration in the Method Blank.

Table 4
Summary of Detected Semi-Volatile Organic Compounds (SVOCs) in Biocell Soil
320 North Goodman Street, Rochester, New York
Results Shown in Micrograms per Kilogram (µg/kg) or about Parts per Billion (ppb)

Constituent	Biocell Soil Samples			NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	BC8-08-1	BC8-08-5	BC8-08-9		
	8/28/2008	8/28/2008	8/28/2008		
Acenaphthene	ND<1,100	ND<390	110 J	20,000	500,000
Anthracene	120 J	39 J	290 J	100,000	500,000
Benzo (a) anthracene	640 J	240 J	1,000	1,000	5,600
Benzo (a) pyrene	780 J	270 J	990	1,000	1,000
Benzo (b) fluoranthene	620 J	260 J	890	1,000	5,600
Benzo (g,h,i) perylene	630 J	220 J	730	100,000	500,000
Benzo (k) fluoranthene	680 J	240 J	760	800	56,000
Indeno (1,2,3-cd) pyrene	**510** J	190 J	**640**	500	5,600
Chrysene	690 J	270 J	1,100	1,000	56,000
Dibenz (a,h) anthracene	150 J	63 J	200 J	330	560
Fluoranthene	ND<1,200	500	2,200	100,000	500,000
Fluorene	ND<1,100	ND<390	140 J	30,000	500,000
Naphthalene	ND<690	ND<230	110 J	12,000	500,000
Phenanthrene	470 J	180 J	1,600	100,000	500,000
Pyrene	1,100 J	430	1,800	100,000	500,000

Notes:

SVOC analysis by United States Environmental Protection Agency (USEPA) Method 8270

ND<180 indicates that the compound was analyzed for, but not detected at of above the Contract Required Quantitation Limit (CRQL), or the compound was not detected due to qualification through the method or field blank.

J = Estimated value – The analyte was positively identified; but the associated numerical value is the approximate concentration of the analyte in the sample.

Bold type denotes a concentration that exceeds NYSDEC Unrestricted Use Soil Cleanup Objectives.

Table 5
Summary of USEPA RCRA Metals in Biocell Soil
320 North Goodman Street, Rochester, New York
Results Shown in Milligrams per Kilogram (mg/kg) or about Parts per Million (ppm)

TAL Metals	Biocell Soil Samples			NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (Track 1 Soil Cleanup Objectives)	NYSDEC Part 375-6.8(b) Soil Cleanup Objectives to Protect Public Health: Commercial Use
	BC8-08-1	BC8-08-5	BC8-08-9		
	8/28/2008	8/28/2008	8/28/2008		
Arsenic	5.3	3.9	5.5	13	16
Barium	46.7	44.8	55.8	350	400
Cadmium	ND<0.495	ND<0.485	ND<0.495	2.5	9.3
Chromium	9.6	8.8	10.2	30(1)	1,500 (1)
Lead	52.6	43.5	31.2	63	1,000
Mercury	0.125	0.062	0.048	0.18	2.80
Selenium	ND<0.990	ND<0.971	ND<0.990	3.9	1,500
Silver	ND<0.990	ND<0.971	ND<0.990	2	1,500

Notes:
RCRA Metals analysis by United States Environmental Protection Agency (USEPA) Methods 6010 and 7471 (Mercury)
ND <6.87 = Constituent not detected above the reported laboratory detection limit.
(1) Indicates concentrations are for trivalent Chromium

Table 6
Summary of Remaining Contamination in Soil
Above NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives
320 North Goodman Street, Rochester, New York
Results Shown in Micrograms per Kilogram (µg/kg) or about Parts per Billion (ppb)

Constituent	LaBella Soil Boring B-5 (8-9.5 ft.)	LaBella Soil Boring B-3 (8-12 ft.)	DAY Soil Boring SB-12 (12.0 ft.)	Remedial Excavation #1 "Base" Sample (15.0 ft)	NYSDEC Part 375-6 Unrestricted Use Soil Cleanup Objectives
Toluene	515,000	2,070,000	1,220,000	3,200	700
Ethylbenzene	13,800	ND<12,100	27,100	8,800	1,000
m,p-Xylene	56,300	15,600	112,000	14,000	260
o-Xylene	ND<12,100	ND<9,540	33,200	1,100	260
1,3,5-Trimethylbenzene	ND<9,540	ND<12,100	ND<15,100	11,000	8,400

Note:

ND <12,100 = Constituent not detected above the reported laboratory detection limit.

Table 7
Sub-Slab Depressurization System Vacuum Response Summary
320 North Goodman Street, Rochester, New York
(Vacuum Readings Shown In Inches of Water)

Vacuum Monitoring Point ID	Former Vacuum Monitoring Point ID	Nearest Sub-Slab Vent Fan	Distance/Direction from Sub-Slab Vent Fan	August 16, 2007 Vacuum Readings	September 28, 2007 Vacuum Readings	September 5, 2008 Vacuum Readings	May 22, 2009 Vacuum Readings
Monitoring Point A	Monitoring Point A	Vent Fan #1	59 ft. south and 5 ft. east of Vent #1	-0.002	Not Measured	-0.004	-0.001
Monitoring Point B	Monitoring Point A'		35 ft. south and 5 ft. east of Vent #1	-0.004		-0.015	-0.003
Monitoring Point C	Monitoring Point B		42 ft. south and 38 ft. west of Vent #2	-0.008		-0.008	Varied: 0.001 to -0.001
Monitoring Point D	Monitoring Point C	Vent Fan #2	33 ft. south and 39 ft. west of Vent #3	-0.016		-0.021	Varied: 0.000 to -0.005
Monitoring Point D-2	Not Applicable		Installed Near Monitoring Point D	Installed May 22, 2009			Varied: 0.002 to -0.003
Monitoring Point E	Monitoring Point D	Vent Fan #3	38 ft. west of Vent #3	-0.007	Not Measured	-0.004	-0.003
Monitoring Point N	Not Applicable		7 ft. west of Vent #3	Installed September 5, 2008		-1.407	-1.422
Monitoring Point F	Monitoring Point E	Vent Fan #4	36 ft. north and 5 ft. east of Vent #4	0.000	-0.006	Not Available†	Not Available†
Monitoring Point F-2	Not Applicable		36 ft. north and 2 ft. west of Vent #4	Installed September 5, 2008		-0.006	Not Available†
Monitoring Point F-3	Not Applicable		Installed Near Monitoring Point F-2	Installed May 22, 2009			-0.003
Monitoring Point G	Monitoring Point E'		21 ft. north and 3.5 ft. east of Vent #4	-0.004	-0.009	Not Available†	Not Available†
Monitoring Point G-2	Not Applicable		21 ft. north and 8.5 ft. east of Vent #4	Installed September 5, 2008		-0.045	-0.022
Monitoring Point H	Monitoring Point E"		6 ft. north and 12 ft. east of Vent #4	-0.258	-0.006	Not Available†	Not Available†
Monitoring Point H-2	Not Applicable		6 ft. north and 9.5 ft. west of Vent #4	Installed September 5, 2008		-0.507	-0.424
Monitoring Point I	Not Applicable		47.3 ft. north and 39 ft. west of Vent #4	Installed September 5, 2008		-0.021	-0.003
Monitoring Point J	Not Applicable	Vent Fan #6	38.3 ft. north and 108 ft. west of Vent #4			-0.004	-0.007
Monitoring Point K	Not Applicable		34.75 ft. south and 71 ft. west of Vent #1			-0.001	-0.001
Monitoring Point K-2	Not Applicable	Vent Fan #1	Offset 5 ft. from Monitoring Point K			Installed May 22, 2009	-0.011
Monitoring Point L	Not Applicable	Vent Fan #5	52 ft. north of Vent #5			Varied: 0.000 to -0.002	-0.445
Monitoring Point O	Not Applicable	Vent Fan #5	19 ft. south and 7 ft. west of Vent #5	Installed May 22, 2009			-0.048
Monitoring Point P	Not Applicable	Vent Fan #5	19 ft. east of Vent #5	Installed May 22, 2009			-0.109

† Denotes that monitoing points F, G, & H were sealed and carpetted over during a renovation of the area.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix A

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 7th day of December, 2009, between Owner(s) Gary and Marcia Stern Family Limited Partnership, having an office at 274 North Goodman Street, Rochester, New York 14607, (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and of ensuring the potential restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 320- 348 North Goodman Street, in the City of Rochester, County of Monroe, State of New York, known and designated on the tax map of the County Clerk of Monroe as tax map parcel numbers: Section 106.84 Block 01 Lot 01; being the same as that property conveyed to Grantor by Warranty Deed dated July 14, 2003 and recorded on July 15, 2003 in the Monroe County Clerk's Office in Book 09814 at page 0559 of deeds, comprising of approximately 2.699 ± acres, and hereinafter more fully described in the ALTA/ACSM Land Title Survey dated March 31, 2009 (revised December 2009), prepared by Magdeland Surveying, P.C. and corresponding Schedule "A" property description, both documents are attached hereto and made a part hereof (the "Controlled Property"); and

WHEREAS, the Commissioner does hereby acknowledge that the Department accepts this Environmental Easement in order to ensure the protection of human health and the environment and to achieve the requirements for remediation established at this Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the covenants and mutual promises contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number B8-0657-04-03, Grantor grants, conveys and releases to Grantee a permanent Environmental Easement pursuant to Article 71, Title 36 of the ECL in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

RECORDED DEC 22 PM 3:02

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the potential restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The following controls apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property:

A. The Controlled Property may be used for commercial use as described within 6 NYCRR Part 375-1.8 (g) (2) (iii), as long as the following long-term engineering controls are employed and the land use restrictions specified below are adhered to:

(i) The Site Management Plan (SMP) dated December 2009, must be implemented for the Controlled Property:

(ii) The existing surface and near surface soil, asphalt-paved surfaces, and the building itself, as depicted in ALTA survey dated December 4, 2009, act as a cover system at the Controlled Property, disturbances and incidental damage to this cover system shall be repaired upon discovery with cover materials approved by the NYSDEC and the NYSDOH.

(iii) any intrusive activities, including building renovation/expansion, subgrade utility line repair/relocation, and new construction which will cause a disturbance of the soil below any concrete, asphalt, or structures must be conducted in accordance with the Department approved SMP;

(iv) The use of groundwater underlying the Controlled Property is prohibited. The City of Rochester code prohibits the use of groundwater as a potable source;

(v) the installed soil vapor mitigation system as depicted in the final engineering report prepared by LaBella and dated December 2009, shall be inspected, certified, operated and maintained as required in the SMP;

(vi) monitor, maintain and replace as necessary groundwater monitoring wells required to be monitored as set forth in the SMP.

B. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the Site Management Plan ("SMP") that the Department has approved for the Controlled Property and all Department-approved amendments to that SMP.

The Grantor hereby acknowledges receipt of a copy of the NYSDEC-approved Site Management Plan, dated December 2009. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system on the Controlled Property, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. Upon notice of not less than thirty (30) days the Department in exercise of its discretion and consistent with applicable law may revise the SMP. The notice shall be a final agency determination. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Regional Remediation Engineer
NYSDEC - Region 8
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414-9519
Phone: (585) 226-5363 fax: (585) 226-9485

or

Site Control Section
Division of Environmental Remediation
NYS DEC
625 Broadway
Albany, New York 12233

C. The Controlled Property may not be used for a higher level of use such as unrestricted or restricted residential use and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

D. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant of Title 36 to Article 71 of the Environmental Conservation Law.

E. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

F. Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury that the controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls employed at the Controlled Property were approved by the NYSDEC, and that nothing has occurred that would impair the ability of such control to protect the public health and environment or constitute a violation or failure to comply with any Site Management Plan for such controls and giving access to such Controlled Property to evaluate continued maintenance of such controls.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Controlled Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer the underlying fee interest to the Controlled Property by operation of law, by deed, or by indenture, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an

interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person intentionally violates this Environmental Easement, the Grantee may revoke the Certificate of Completion provided under ECL Article 56, Title 5 or ECL Article 27 Title 14 with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach. Grantor shall then have a reasonable amount of time from receipt of such notice to cure. At the expiration of said second period, Grantee may commence any proceedings and take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement in accordance with applicable law to require compliance with the terms of this Environmental Easement.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar its enforcement rights in the event of a subsequent breach of or noncompliance with any of the terms of this Environmental Easement.

6. Notice. Whenever notice to the State (other than the annual certification) or approval from the State is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:
County, NYSDEC Site Number, NYSDEC Contract or Order Number, and the
County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: C 828115
Department of Environmental Enforcement
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

Such correspondence shall be delivered by hand, or by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. This Environmental Easement may be amended only by an amendment executed by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Grantor's Name: Gary and Marcia Stern Family Limited Partnership.

By: Gary Stern

Title: Pres. Date: 12-7-09

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation

By: Dale Desnoyers
Alexander B. Grannis, Commissioner
by Dale Desnoyers - Director
Department of Environmental Remediation

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF Monroe)

On the 7th day of December, in the year 2009, before me, the undersigned, personally appeared GARY STERN, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/~~they~~ executed the same in his/~~her/their~~ capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Bonnie A. Eskildsen
Notary Public - State of New York

BONNIE A. ESKILDSEN
Notary Public, State of New York
No. 01ES4636951
Qualified in Monroe County
My Commission Expires Dec. 31, 20 10

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 15th day of December in the year 2008 before me, the undersigned, personally appeared Dale Desnoyers, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as a designated authority granted by the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Notary Public - State of New York
DAVID S. Sampson 02SA5013268
Notary public, State of New York
Qualified in Rensselaer County
Commission expires July 15, 2011

SCHEDULE "A" PROPERTY DESCRIPTION

LEGAL DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Rochester, County of Monroe and State of New York, being part of Lot 50, Second Division, Township 13, Range 7, and more particularly bounded and described as follows: Beginning at the point of intersection of the easterly line of North Goodman Street and the southerly line of the land of the New York Central Railroad Company 495.5 feet to the northwest corner of premises now or formerly of Gary L. and Marcia Stern, Liber 8778 of Deeds, page 79; thence (2) southwesterly making an interior angle of 90° with the last described course, and along the westerly line of the premises so conveyed to Stern, as aforesaid, 146.89 feet to a PK nail; thence (3) easterly making an interior angle of 284° 50' 53" and continuing along the westerly line of lands now or formerly Stern as aforesaid, 51.2 feet to a PK nail; thence (4) southerly making an interior angle of 90° with the last described course and continuing along the westerly line of premises now or formerly Stern, as aforesaid 45.00 feet to a PK nail in the northerly line of other premises now or formerly Gary L. Stern and Marcia Stern, Liber 8778 of Deeds, page 79; thence (5) westerly making an interior angle of 90° with the last described course and along the northerly line of the lands now or formerly Stern, as aforesaid, 490.31 feet to a point in the easterly line of North Goodman Street, which point is marked by a PK nail and is 478.83 feet northerly from the intersection of the northerly line of Anderson Avenue and the easterly line of North Goodman Street; and thence (6) northerly, making an interior angle of 90° 22' 07" with the last described course and along the easterly line of North Goodman Street 313.97 feet to the point and place of beginning, containing 2.699 acres of land, more or less.

Together with all the right, title and interest of the mortgagor in and to all easements and agreements in connection with the railroad tracks and subsidiary tracks on the premises hereby mortgaged on the premises conveyed by Rochester Drug Cooperative, Inc. to Frank & Fraser Wholesale Lumber Corporation and on the premises conveyed by Thomas C. Spencer, as Trustee and Agent to Gleason Fund Incorporated by deed recorded in Monroe County Clerk's Office in Liber 2744 of Deeds, page 119 on March 31, 1952, as described in said deed, together with the right to use the railroad sidings and all existing track facilities now located upon premises hereby mortgaged, on the premises so conveyed by Thomas G. Spencer, as Trustee and Agent to Gleason Fund Incorporated, as aforesaid. Also together with the right and easements reserved by Rochester Drug Cooperative, Inc. in the deed made June 3, 1952 to Frank & Fraser Wholesale Lumber Corp. recorded June 4, 1952 in the Monroe County Clerk's Office in Liber 2756 of Deeds, Page 292.

County: Monroe   Site No: C 828115   BCA Index No:-B8-0657-04-03

SURVEY

REFERENCES

1. ROCHESTER DRUG COOPERATIVE INC. TO GARY & MARCIA STERN FAMILY LIMITED PARTNERSHIP BY DEED RECORDED JULY 15, 2003 AT LIBER 9814, PAGE 559.

2. FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE No.RT-253867 AND DATED MARCH 26, 2009.

3. MAP OF A SURVEY PREPARED BY DENLUCK—O'NEILL OF 320 NORTH GOODMAN STREET, LAST DATED 02/02/01

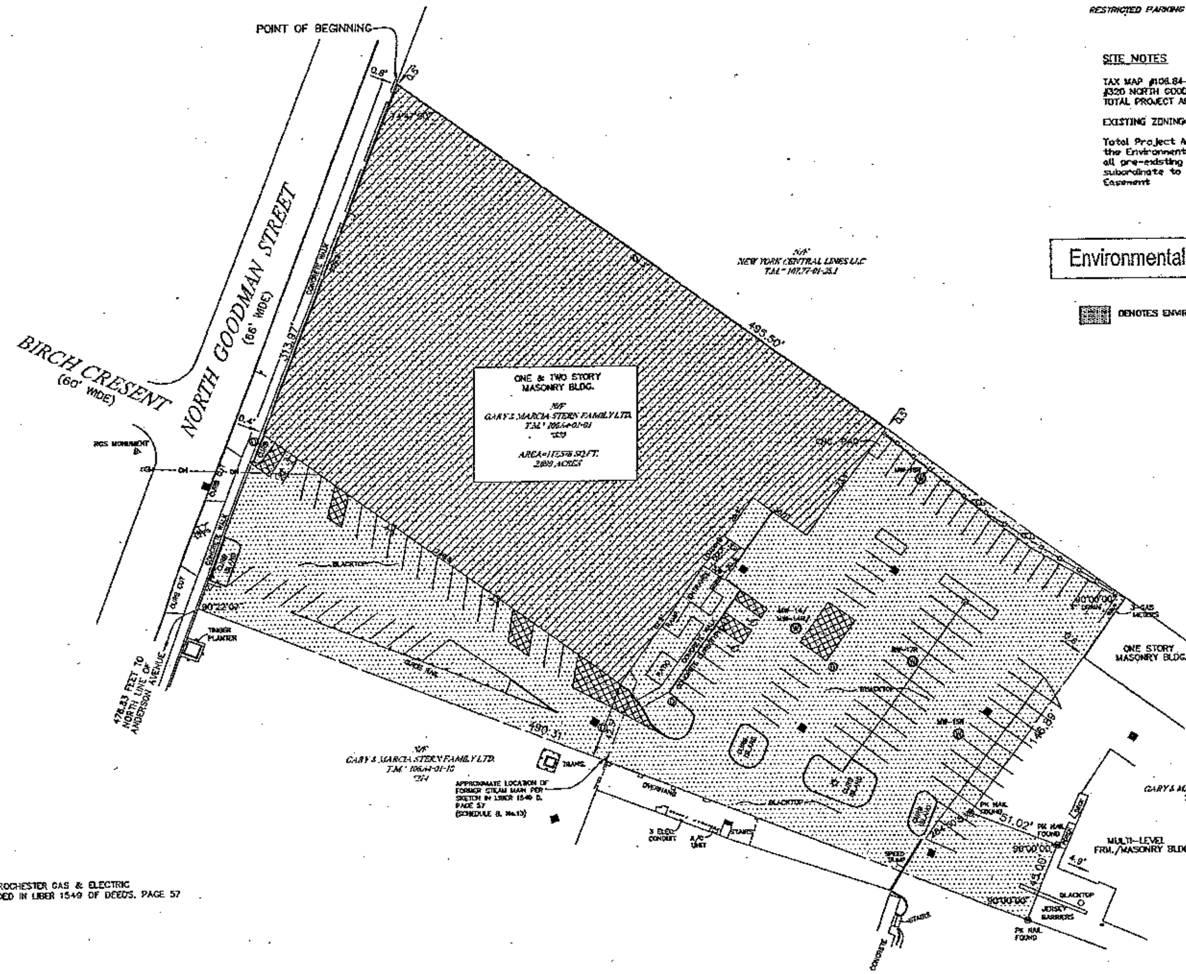
4. RELEASE OF EASEMENT RECORDED AUGUST 19, 2009 IAT LIBER 10781 OF DEEDS, PAGE 519

UTILITIES SERVICED BY:
WATER – CITY OF ROCHESTER WATER BUREAU, 10 FELIX STREET, ROCHESTER, NY 14611 585-428-7568

GAS & ELECTRIC – ROCHESTER GAS & ELECTRIC CO., 89 EAST AVENUE, ROCHESTER, NY 14649 1-800-456-5153

SEWER – ROCHESTER PURE WATERS DISTRICT (MONROE COUNTY PURE WATERS), 50 WEST MAIN STREET, ROCHESTER, NY 585-753-7600

TELEPHONE – FRONTIER COMMUNICATIONS, 1225 WEST HENRIETTA ROAD, ROCHESTER, NY 14623 585-777-1234



Legend of Symbols & Abbreviations

- METAL FENCE
- OVERHEAD ELECTRIC
- LIGHT POLE
- STORM SEWER MANHOLE
- CATCH BASIN AND CLEANOUT
- WATER VALVE, HYDRANT AND SHUT OFF
- POST INDICATOR VALVE
- POWER POLE W/ ANCHOR WIRE
- GAS VALVE
- TWO & ONE POST SIGNS
- SURVEY MONUMENT
- MONITORING WELL
- RESTRICTED PARKING AREA

SITE NOTES

TAX MAP #106.84-1-1
#320 NORTH GOODMAN STREET
TOTAL PROJECT AREA = 2.700 ACRES

EXISTING ZONING: INDUSTRIAL, M-1

Total Project Area is subject to the Environmental Easement and all pre-existing easements are subordinate to the Environmental Easement

Environmental Easement Area

DENOTES ENVIRONMENTAL EASEMENT AREA

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

Engineering / Institutional Controls Subject to Easement

SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) AREA – SOIL VAPOR MITIGATION SYSTEM IN BUILDING MUST BE INSPECTED, CERTIFIED, OPERATED AND MAINTAINED AS REQUIRED BY THE SITE MANAGEMENT PLAN

COVER SYSTEM [SURFACE SOIL, ASPHALT PAVED SURFACES INCLUDING PARKING LOT AND BUILDING ITSELF]; AND

ENTIRE ENVIRONMENTAL EASEMENT AREA SUBJECT TO SITE MANAGEMENT PLAN, WHICH REQUIRES ALL INTRUSIVE WORK OR DISTURBANCE OF COVER SYSTEM TO BE CONDUCTED IN ACCORDANCE WITH THE SITE MANAGEMENT PLAN; AND

GROUNDWATER USE RESTRICTION COVERS ENTIRE EASEMENT AREA / PARCEL; AND

GROUNDWATER WELL MONITORING WELLS REQUIRED TO BE MONITORED AS REQUIRED IN SITE MANAGEMENT PLAN.

NOTE: SEE ENVIRONMENTAL EASEMENT FOR DETAILS ON THE ENGINEERING AND INSTITUTIONAL CONTROLS

RECORD TITLE DESCRIPTION

Note: The Environmental Easement Area is the same as the Record Title Description.

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Rochester, County of Monroe and State of New York, being part of Lot 50, Second Division, Township 13, Range 7, and more particularly bounded and described as follows: Beginning at the point of intersection of the easterly line of North Goodman Street and the southerly line of the land of the New York Central Railroad Company, thence; (1) southeasterly making an interior angle of 74° 47' 00" with the easterly line of North Goodman Street and along the southerly line of the lands of the New York Central Railroad Company 495.5 feet to the northwest corner of premises now or formerly of Gary L. and Marcia Stern, Liber 8778 of Deeds, page 79; thence (2) southwesterly making an interior angle of 90°with the last described course, and along the westerly line of the premises so conveyed to Stern, as aforesaid, 146.89 feet to a PK nail; thence (3) easterly making an interior angle of 264°50' 53" and continuing along the westerly line, of lands now or formerly Stern as aforesaid, 51.02 feet to a PK nail; thence (4) southerly making an interior angle of 90°with the last described course and continuing along the westerly line of premises now or formerly Stern, as aforesaid 45.00 feet to a PK nail in the northerly line of other premises now or formerly Gary L. Stern and Marcia Stern, Liber 8778 of Deeds, page 79; thence (5) westerly making an interior angle of 90°with the last described course and, along the northerly line of the lands now or formerly Stern, as aforesaid, 490.31 feet to a point in the easterly line of North Goodman Street, which point is marked by a PK nail and is 478.83 feet northerly from the intersection of the northerly line of Anderson Avenue and the easterly line of North Goodman Street; and thence (6) northerly, making an interior angle of 90°22' 07" with the last described course and along the easterly line of North Goodman Street 313.97 feet to the point and place of beginning, containing 2.699 acres of land, more or less.

Together with all the right, title and interest of the mortgagor in and to all easements and agreements in connection with the railroad tracks and subsidiary tracks on the premises hereby mortgaged on the premises conveyed by Rochester Drug Cooperative, Inc. to Frank & Frazer Wholesale Lumber Corporation and on the premises conveyed by Thomas C. Spencer, as Trustee and Agent to Gleason Fund Incorporated by deed recorded in Monroe County Clerk's Office in Liber 2744 of Deeds, page 119 on March 31, 1952, as described in said deed, together with the right to use the railroad sidings and all existing track facilities now located upon premises hereby mortgaged, on the premises so conveyed by Thomas G. Spencer, as Trustee and Agent to Gleason Fund Incorporated, as aforesaid.

Also together with the right and easements reserved by Rochester Drug Cooperative, Inc. in the deed made June 3, 1952 to Frank & Fraser Wholesale Lumber Corp. recorded June 4, 1952 in the Monroe County Clerk's Office in Liber 2756 of Deeds, Page 292.

SCHEDULE B

13. EASEMENT AGREEMENT GRANTED TO ROCHESTER GAS & ELECTRIC CORPORATION UNDER AGREEMENT RECORDED IN LIBER 1549 OF DEEDS, PAGE 57 ON JUNE 27, 1930. SHOWN

CERTIFY TO:

1) The People of the State of New York acting through their Commissioner of the Department of Environmental Conservation
2) Gary and Marcia Stern Limited Family Partnership
3) Knauf Shaw LLP and
4) Four Corner Abstract

WE, MAGDE LAND SURVEYING, P.C., HEREBY CERTIFY THAT THIS MAP WAS PREPARED FROM NOTES OF A FIELD SURVEY COMPLETED ON MARCH 31, 2009 AND FROM THE REFERENCES LISTED HEREON, SUBJECT TO ANY FACTS AN UPDATED ABSTRACT OF TITLE MAY REVEAL.

DOUGLAS W. MAGDE, L.S. LIC. #049957

12/4/09 revise per revised title report/add certs.

ALTA/ACSM LAND TITLE SURVEY

PREPARED FOR

320 NORTH GOODMAN STREET

LOT 50, SECOND DIVISION, TOWNSHIP 13, RANGE 7
CITY OF ROCHESTER, MONROE COUNTY, NEW YORK

MAGDE LAND SURVEYING, P.C.
4460 CULVER ROAD ** ROCHESTER ** NEW YORK ** 14622
(585) 654 – 5897 ** (585) 654 – 6149 (FAX) ** email: dmagde@magdesurvey.com

TP-584.2 (10/96)

Recording Office Time Stamp

Real Estate Transfer Tax Return For Public Utility Companies' and Governmental Agencies' Easements and Licenses

This form may only be used by public utility companies regulated by the Public Service Commission and governmental agencies for the recording of easements and licenses where the consideration for the grant of such easement or license is $500.00 or less.

Name of grantee (public utility company or governmental agency)
The New York State Department of Environmental Conservation

Federal employer identification number *(if applicable)* 14-6013200

Address of grantee
625 Broadway, Albany, New York 12233-1500

Name and telephone number of person to contact
Yvonne Ward (518)402-9521

	Name(s) of Grantor Of Easement or License	Address of Property	Consideration Given For Easement or License
1.	Gary and Marica Stern Limited Partnership	320-348 North Goodman Street	$0.00
2.		City of Rochester	
3.		Monroe County, NY	
4.			
5.			
6.			
7.		Tax Map: 106.840-01-01	
8.			
9.			
10.	ENVIRONMENTAL EASEMENT HELD BY NYSDEC		
11.	PURSUANT TO TITLE 36 OF ARTICLE 71		
12.	OF THE NYS ENVIRONMENTAL CONSERVATION LAW		
13.	Site No.(s): C 828115/B8-0657-04-03		
14.			
15.			

If more than fifteen conveyances are to be recorded, attach a schedule of such other conveyances.

RECEIVED
2006 DEC 22 PM 3:08
COUNTY CLERK
MONROE COUNTY

Signature of Grantee

I certify that the grantee is a public utility regulated by the Public Service Commission or is a governmental agency and the grantee of the easements and/or licenses above; that it is true to the best knowledge of the grantee that the granting of each such easement and/or license is exempt from Real Estate Transfer Tax imposed by Article 31 of the Tax Law by reason that each such conveyance is for a consideration of five hundred dollars or less and/or the conveyance is being made to a governmental agency.

Name of grantee

Signature of partner, officer of corporation, governmental official, etc.
NYSDEC

Title
Generally

Receipt# 288906

CHERYL DINOLFO
COUNTY CLERK
OFFICE OF THE COUNTY CLERK
39 WEST MAIN STREET
ROCHESTER, NY

Doc#: 200912220875 Pgs: 9
Ref2: TT0000007926
Type: EASEMENT AGREE (D74)
Book: 10829 Pages: 346-354
Name: ROCHESTER GAS & ELECTRIC
Name: DEPARTMENT OF ENVIRONMENTAL CONSER
Name: ROCHESTER GAS & ELECTRIC
Name: DEPARTMENT OF ENVIRONMENTAL CONSER
Time: 3:03:59 PM

STATE FEE TRANSFER TAX	$	0.00
STATE FEE CULTURAL EDUCA	$	14.25
STATE FEE RECORDS MANAGE	$	4.75
COUNTY FEE RECORDING	$	8.00
COUNTY FEE NUMBER PAGES	$	27.00
COUNTY FEE TP584	$	5.00

Total	$	59.00
Check(s) Tendered	$	59.00
Balance	$	0.00

CHECK Number		
3028	$	59.00

Total Documents: 1
Total Fees: 6

Dec 22 2009 3:04:23 PM

Cashier: SueG

320-348 North Goodman St.
Rochester, New York

SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That, for consideration of the sum of One Dollar ($1.00) and other good and valuable considerations, in hand paid, receipt of which is hereby acknowledged, Rochester Gas and Electric Corporation ("RG&E") , agree and by these presents do agree that The People of the State of New York acting through their Commissioner of the Department of Environmental Conservation has an interest in the following described real property, by a certain Environmental Easement from Gary and Marsha Stern Limited Family Partnership ("Grantor") to the People of the State of New York ("Grantee") acting through their Commissioner of the Department of Environmental Conservation, dated the ____ day of December, 20 09, recorded in Liber 10829 of Deeds at page 346-354, in the records of Monroe County, ~~a copy of which is attached.~~

The above-described Environmental Easement shall be a superior interest upon said property and any rights of the undersigned under or pursuant to the following:

1. Easement agreement granted to Rochester Gas and Electric Corporation under agreement recorded in Liber 1549 of Deeds at page 57 on June 27, 1930.

2. Notwithstanding the above, RG&E shall have unrestricted access to its facilities located on or under said property as required, in its sole discretion, to address emergency, safety or reliability issues associated therewith. RG&E shall have unrestricted access to those facilities to perform routine maintenance upon thirty (30) days notice to Grantor, subject only to reasonable conditions imposed by Grantor that are consistent with the restrictions set forth in the Environmental Easement.

If superior Environmental Easement is amended or assigned, it is still the intent that this Subordination Agreement be enforced.

ROCHESTER GAS AND ELECTRIC CORPORATION

By: _____
Jeffrey R. Clark

Its: Managing Attorney

RECEIVED
2009 DEC 22 PM 2:53

Received

STATE OF NEW YORK)
SS.
COUNTY OF MONROE)

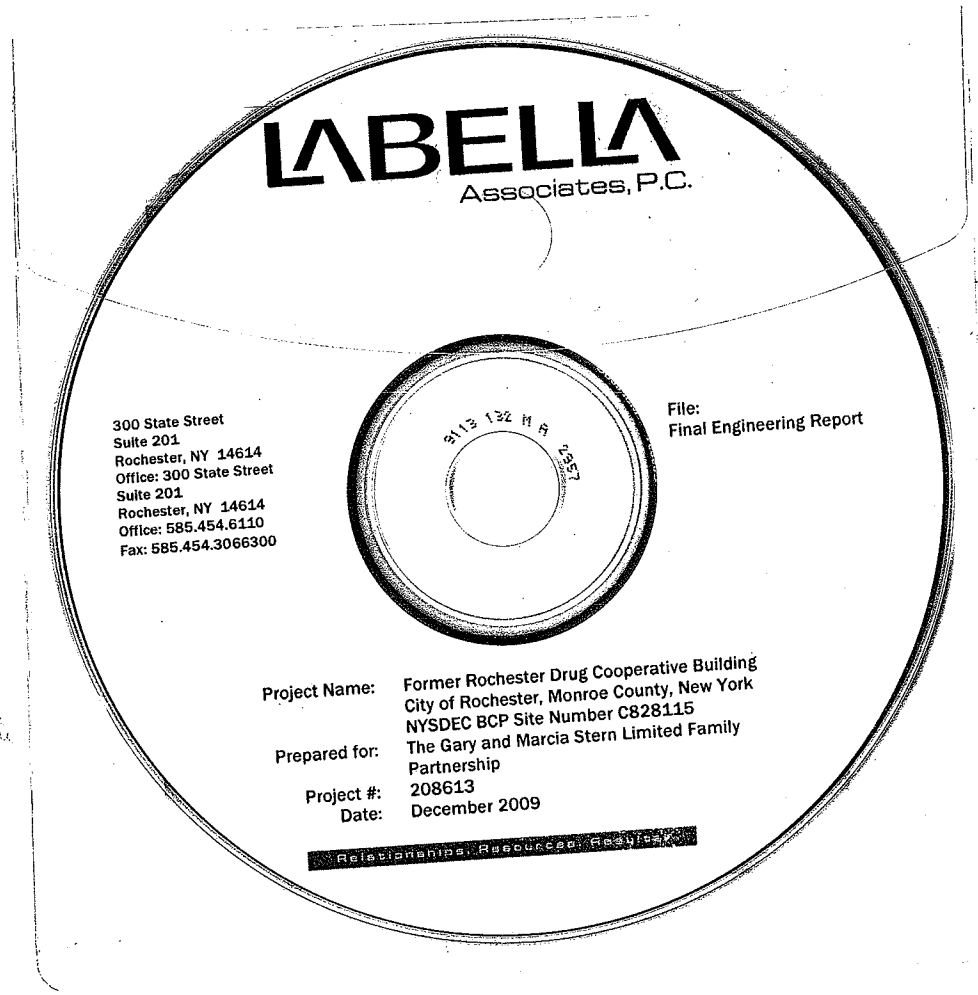
On this 30TH day of November, 2009, before me, the undersigned, personally appeared **JEFFREY R. CLARK** to me known or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that (s)he executed the same in his/her capacity, and that by his/her signature on the instrument, the individual, or the person on behalf of which the individual acted, executed the instrument.

Debra A Wegman
Notary Public

DEBRA A. WEGMAN
NOTARY PUBLIC, State of New York
Monroe County # 01WE6000054
Commission Expires Dec. 8, 2013

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix B


LABELLA
Associates, P.C.
300 State Street
Suite 201
Rochester, NY 14614
Office: 300 State Street
Suite 201
Rochester, NY 14614
Office: 585.454.6110
Fax: 585.454.3066300
File:
Final Engineering Report
Project Name: Former Rochester Drug Cooperative Building
City of Rochester, Monroe County, New York
NYSDEC BCP Site Number C828115
Prepared for: The Gary and Marcia Stern Limited Family Partnership
Project #: 208613
Date: December 2009
Relationships. Resources. Results.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix C

DAILY FIELD REPORT

Job No.: 082003
Report Number: 1
Day: Sunday
Date: 4/10/05
Field Rep: SJD
Time on Site: 1700-1800
Report Preparation:0.5 hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

Contractor Activities:

1. No contractor activities.

GeoQuest Activities:

1. Marked excavation locations #4 and #5.
2. Observed that approximately 50 truckloads of soil had been imported to the site.

Visitors:
None

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 2
Day: Monday
Date: 4/11/05
Field Rep: SJD
Time on Site: 0800-1200
1600-1700
Report Preparation:0.5 hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

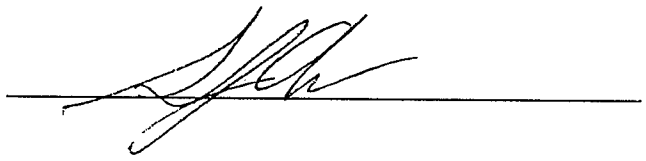
Contractor Activities:

1. Contractor meeting.

GeoQuest Activities:

1. Marked all excavation locations and obtained monitoring equipment.
2. Coordinated laboratory testing for confirmatory soil samples.

Visitors:
None

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 3
Day: Tuesday
Date: 4/12/05
Field Rep: SJD/JJP
Time on Site: 0815-1700
Report Preparation:0.5 hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

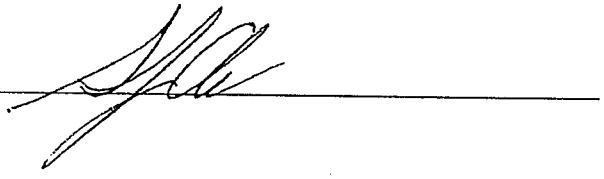
Contractor Activities:

1. Mobilized additional equipment, backhoe, and two tri-axil trucks.
2. Prepared biocell with plastic liners.
3. Relocated 20,000-gallon frac tank.
4. Began excavation #1.
5. Began and completed excavation #2.
6. Fire hydrant was removed (this work is not part of soil removal IRM).
7. Fill material backfilled in excavation #2 and part of excavation #1 to 7 ft. below ground surface and compacted with vibratory roller.
8. Along west wall of excavation #1 a temporary groundwater well was installed.

GeoQuest Activities:

1. Observed the mobilization of equipment and preparation of biocell for soils.
2. Monitored the excavated soils for total organic vapors.
3. Collected confirmatory soil samples from excavation #1 and #2. Also collected soil samples from the proposed backfill material.
4. Size of excavation #1 is approximately 42 ft. X 26 ft. X 15 ft. and the size of excavation #2 is approximately 10 ft. X 10 ft. X 3 ft.
5. T. Caffoe informed S. DeMeo and G. Stern that the imported backfill soil present on site requires laboratory testing since these soils are not from a NYSDOT certified source.

Visitors:
Todd Caffoe (NYDEC) 1000-1145.
Paul Parrone (Parrone Engineering) 1300 to 1500

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 4
Day: Wednesday
Date: 4/13/05
Field Rep: SJD/JJP
Time on Site: 0700-1700
Report Preparation:0.5 hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

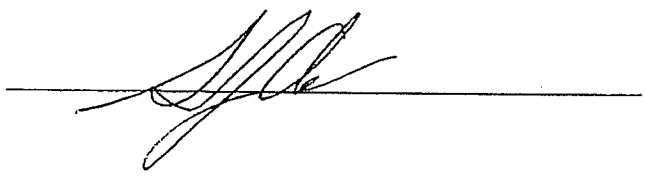
Contractor Activities:

1. Backfilled excavation #1.
2. Excavation #3 began.
3. Encountered sewer and waterline for fire hydrant.
4. Excavation #3 filled with backfill and compacted with vibratory roller.
5. Excavation #4 began and installed temporary groundwater well.
6. Excavation #4 backfilled with clean soil.
7. Fire hydrant compacted and backfilled.
8. Excavation #1 backfilled and compacted.

GeoQuest Activities:

1. Mapped out excavation.
2. Monitored the excavated soils for total organic vapors.
3. Collected confirmatory soil samples.

Visitors:
Todd Caffoe (NYDEC) 1420-1545.

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 5
Day: Thursday
Date: 4/14/05
Field Rep: SJD
Time on Site: 0700-1700
Report Preparation: 0.5hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

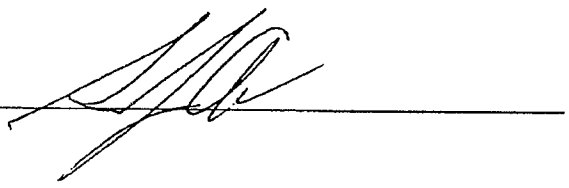
Contractor Activities:

1. Excavated soils from excavation #5 and installed temporary groundwater dewatering well.
2. Continued to backfill excavation #4, upper two feet with recycled concrete.
3. Excavated soils from excavation #6 and backfilled with on-site soils.
4. Compacted soils in excavation #4 and #6.
5. Backfilled soils in excavation #5 to ground surface.
6. Continued to pump groundwater from excavations #1 and #4.

GeoQuest Activities:

1. Mapped out excavation.
2. Monitored excavated soils for total organic vapors
3. Collected soils samples.
4. Monitored the downwind site area for dust levels.
5. Size of excavation #5 is approximately 16 ft. X 16 ft. X 15 ft. and the size of excavation #6 is approximately 8 ft. X 8 ft. X 7ft.

Visitors:
Todd Caffoe (NYDEC) 0945-1200

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 6
Day: Friday
Date: 4/15/05
Field Rep: SJD
Time on Site: 0730-1630
Report Preparation: 0.5hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

Contractor Activities:

1. Began to excavate excavation #7 and installed temporary groundwater dewatering well.
2. Stockpiled non-impacted soils from excavation #7.
3. Pumped groundwater from excavation #7 to frac tank.
4. Transported petroleum impacted soils to the bio-cell.
5. Placed backfill into excavation and compacted.

GeoQuest Activities:

1. Observed the sitework activities.
2. Monitored excavated soils for total organic vapors
3. Collected soils samples from excavation #7.
4. Monitored the downwind site area for dust levels.
5. Size of excavation #7 is approximately 34 ft. X 17 ft. X 15 ft.

Visitors:
None

Field Representative: _____

DAILY FIELD REPORT

Job No.: 082003
Report Number: 7
Day: Monday
Date: 4/18/05
Field Rep: SJD
Time on Site: 0700-1700
Report Preparation: 0.5hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

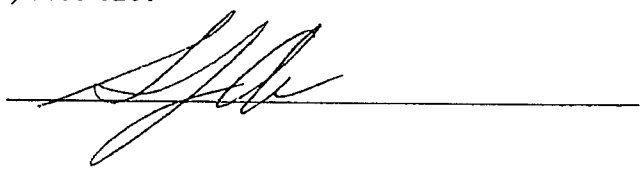
Contractor Activities:

1. Began to excavate excavation #8 and installed temporary groundwater dewatering well near the north end of the excavation.
2. Pumped groundwater to the frac tank.
3. Stockpiled soils from excavation #8 and transported petroleum impacted soils from excavation #8 to the bio-cell.
4. Continued to pump groundwater from excavations #1, #4, #5, and #7.
5. Transported petroleum impacted soils to the bio-cell.
6. Backfilled the portion of excavation #8 that was excavated to approximately 6 ft. below ground surface and compacted.
7. Identified a 4-inch sanitary sewer located in excavation #8 near the south end of this excavation.

GeoQuest Activities:

1. Observed the contractor site activities.
2. Monitored excavated soils for total organic vapors
3. Monitored the downwind site area for dust levels.
4. Collected one confirmatory soil sample from the bottom of excavation #8.

Visitors:
Todd Caffoe (NYDEC) 1000-1200

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 8
Day: Tuesday
Date: 4/19/05
Field Rep: SJD
Time on Site: 0700-1700
Report Preparation: 0.5hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

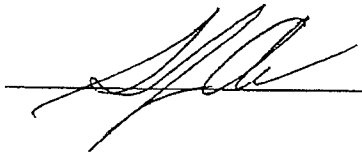
Contractor Activities:

1. Continued to excavate excavation #8.
2. Continued to pump groundwater from excavation #8, #1, #4, and #7.
3. Transported petroleum impacted soils to the bio-cell.
4. Stockpiled non-impacted soils and backfilled the portion that was excavated to approximately 6 ft. below ground level.
5. Compacted soil backfill with the vibratory roller.

GeoQuest Activities:

1. Observed the contractor site activities.
2. Monitored excavated soils for total organic vapors
3. Monitored the downwind site area for dust levels.
4. Discussed the soil that had been tracked on the roadway surface with Todd Caffoe (NYDEC). T. Caffoe indicated that the soil should be swept up and also that the bio-cell should be covered. S. DeMeo informed G. Stern of the NYSDEC's request. G. Stern informed S. DeMeo that the roadway would be swept on Wednesday morning (4/20/05).
5. Informed T. Caffoe of the active sanitary sewer lateral in excavation #8 and that the contractor will not be able to remove soils adjacent to and below this sewer lateral.

Visitors:
Todd Caffoe (NYDEC) 1000-1140

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 9
Day: Wednesday
Date: 4/20/05
Field Rep: SJD
Time on Site: 0700-1630
Report Preparation: 0.5hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

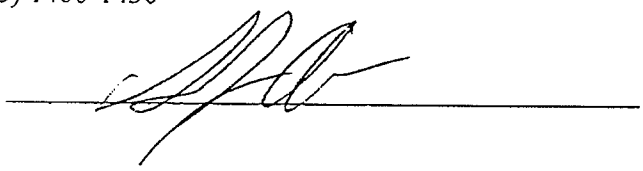
Contractor Activities:

1. Continued to excavate excavation #8.
2. Continued to pump groundwater from excavation #8, #1, #4, and #7.
3. Transported petroleum impacted soils to the bio-cell.
4. Stockpiled non-impacted soils and backfilled the portion that was excavated to approximately 6 ft. below ground level.
5. Compacted soil backfill with the vibratory roller.
6. Cleaned soil that had been tracked on the roadway surface with a sweeper truck.
7. Covered bio-cell soils with plastic sheeting.

GeoQuest Activities:

1. Observed the contractor site activities.
2. Monitored excavated soils for total organic vapors
3. Monitored the downwind site area for dust levels.
4. Collected confirmatory soil samples from excavation #8.
5. Observed that the section of excavation #8 was backfilled to approximately 6 feet below ground surface.
6. S. DeMeo informed T. Caffoe that the removal of petroleum impacted soil for the IRM project was completed.
7. Photographed site activities.

Visitors:
Todd Caffoe (NYDEC) 1400-1430

Field Representative: 

DAILY FIELD REPORT

Job No.: 082003
Report Number: 10
Day: Thursday
Date: 4/21/05
Field Rep: SJD
Time on Site: 1330-1400
Report Preparation: 0.5hr

Project: Soil Removal Action IRM
Location: 320 North Goodman St., Rochester, NY
Client: Gary and Marcia Stern Family Limited Partnership
Contractor: Hickory Hill Construction, Inc.

Activities: The following project work was conducted on-site in general accordance with the NYSDEC approved work plan for soil remediation at the site.

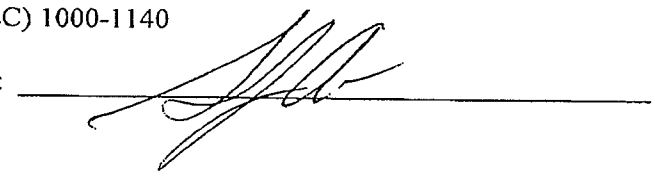
Contractor Activities:

1. Began to excavate for stormwater collection systems.
2. Continued to pump groundwater from excavation #8, #1, #4, and #7.

GeoQuest Activities:

1. Observed the contractor site activities.
2. Discussed the storm water collection system with G. Stern. This system will be installed in the portion of the excavation #8 that was not backfilled to ground surface and is not part of the soil removal IRM project.
3. G. Stern informed S. DeMeo that Todd Caffoe had visited the site during the morning hours.
4. Photographed covered bio-cell.

Visitors:
Todd Caffoe (NYDEC) 1000-1140

Field Representative: 

Dust Monitoring 320 North Goodman Street

4/12/05

Time	Concentration (mg/m^3)
9:30 a.m.	0.009
10:30 a.m.	0.015
12:00 p.m.	0.070
1:40 p.m.	0.010
2:30 p.m.	0.120
4:00 p.m.	0.025

4/13/05

Time	Concentration (mg/m^3)
7:30 a.m.	0.038
8:30 a.m.	0.008
9:30 a.m.	1.070
11: 00 a.m.	0.175
12:00 p.m.	0.024
1:00 p.m.	0.005
2:00 p.m.	0.114
3:00 p.m.	0.003

4/14/05

Time	Concentration (mg/m^3)
7:30 a.m.	0.003
8:30 a.m.	0.114
9:30 a.m.	0.005
10:30 a.m.	0.024
11:30 a.m.	0.175
12:30 p.m.	0.070
1:30 p.m.	0.008
2:30 p.m.	0.038
3:30 p.m.	0.041
4:30 p.m.	0.052

4/20/05

Time	Concentration (mg/m^3)
7:30 a.m.	0.007
8:30 a.m.	0.019
9:30 a.m.	0.081
10:30 a.m.	0.030
11:30 a.m.	0.077
12:30 p.m.	0.093
1:30 p.m.	0.117
2:30 p.m.	0.019
3:30 p.m.	0.003
4:30 p.m.	0.009

Application for Access to Records
Freedom of Information Law (FOIL)
Monroe County, New York

I hereby apply to ○ inspect ◉ obtain a copy of the following records:*

Please be specific:

Monroe County Pure Waters - Temporary Sewer Use permit for discharge of contained excavation water for:

320 North Goodman Street in the City of Rochester, NY

This was a soil remediation project performed in April 2005 by:

GeoQuest Environmental (consultant)

and

Hickory Hill Construction (contractor)

under the NYSDEC Brownfield Cleanup Program,

for Gary Stern or the Stern Family Limited Partnership (owner).

Name: Kyle R. Miller

Signature: [signature]

Representing: (if applicable) LaBella Assoc., P.C.

Date: 10/07/2009

Mailing Address: 300 State St., Suite 201

Telephone: (include area code) (585) 295-6295

City, state, zip code: Rochester, NY 14614

**There is no charge for the inspection of documents; however, if duplication is requested by you, a charge of $.25 per page is payable to Monroe County.*

Notice: You have a right to appeal denial of this application.

Send Request to:
Monroe County Access Officer
204 County Office Building • 39 West Main Street • Rochester, New York 14614
Phone: (585) 753-1080 • *fax:* (585) 753-1068 • *www.monroecounty.gov*

Check # 8283
Paid 6/6/05

SEWER USE PERMIT

County of Monroe Pure Waters District No. 8520

Permit No: ST-085

Expires: June 30, 2005

Fee: $40.00

Firm Name SENTINEL TECHNOLOGIES, INC.

Address 5505 ROUTE 19A

CASTILE, NEW YORK 14427

Type of Business or Service ENVIRONMENTAL SERVICES

I. The above-named applicant is permitted to discharge wastes into the Pure Waters Sewer system or Tributary thereto as applied for by an application dated _____ and verified by the applicant except the Director of Pure Waters requires the following terms and conditions to govern the permitted discharge:

A. _____

B. _____

C. _____

II. The applicant further agrees to:

1. Accept and abide by all provisions of the Sewer Use Law of Monroe County and of all pertinent rules or regulations now in force or shall be adopted in the future.

2. Notify the Director of Pure Waters in writing of any revision to the plant sewer system or any change in industrial wastes discharge to the public sewers listed in Exhibit "B". The latter encompasses either (1) an increase or decrease in average daily volume or strength of wastes listed in Exhibit "B" or (2) new wastes that were not listed in Exhibit "B".

3. Furnish the Director of Pure Waters upon request any additional information related to the installation or use of sewer or drain for which this permit is sought.

4. Operate and maintain any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved, in an efficient manner at all times, and at no expense to the County.

5. Cooperate with the Director of Pure Waters or his representatives in their inspecting, sampling, and study of wastes, or the facilities provided for pretreatment.

6. Notify the Director of Pure Waters immediately of any accident, negligence, breakdown of pretreatment equipment, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

Applicant's Signature Jack C Fisher Date 5-26-05

Applicant's Title PROJECT MANAGER

Emergency Contact JACK FISHER Phone 750-2399

Permit Approved by John E Graham PE Date June 3, 2005
Director of Pure Waters

05/26/2005 11:14 5854933127 SENTINEL

COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE

Sentinal Technologies, Inc.
5505 Route 19A
Castile, NY 14427

PERMIT NUMBER: ST-085
DISTRICT NUMBER: 8520

SITE LOCATION: Stern Properties
320 North Goodman St.
Rochester, NY

TYPE OF BUSINESS: Groundwater Remediation
SIC CODE: N/A
SAMPLE POINT: Pump and Treat approximately 40,000 gal. staged waters from Frac Tanks.

Treated Effluent from portable treatment system (air stripping with carbon polish).

REQUIRED MONITORING

SELF MONITORING FREQUENCY:

1. **Performance testing of treatment system with Monroe County approval prior to discharge.**
2. **First Day (Start Up) - Commencement of discharge with 24 hour results turn around.**
3. **Next consecutive day of discharge with 24 hour results turn around.**

SAMPLING PROTOCOL: Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto. In the absence of 40 CFR Part 136 testing methodology, a New York State Department of Health, approved method is acceptable. A grab sample, collected from the above noted sample point shall be analyzed for the following:

Purgeable Aromatics

Discharge Limitations: The summation of all purgeable aromatics reported grater than 10 ug/l shall not exceed: 2.13ppm

SPECIAL CONDITIONS:

1. **Sample results for performance testing must be reviewed and approved by Monroe County Prior to discharge to the sanitary sewer system.**
2. **Discharge location must be approved by Monroe County Prior to discharging.**
3. **Discharge rate is not to exceed 25 gpm.**

SENTINEL Technologies, Inc.

Environmental and Industrial Remediation

FAX TRANSMITTAL

To: Shawn Keenan **Company:** Monroe Co.

From: Jack A. Fisher

Date: 5/26/05

Recipient's Fax No: 324-1213

Recipient's Phone No: 760-7600

Number of Pages (including cover): 12

Re: Wastewater discharge permit

Attached, please find application for the discharge of waters located at Stern Properties, 320 N. Goodman St, Rochester, NY

TKS
Jack

5505 Rt. 19A Castile, NY 14427 *(585) 493-2744 FAX (585)493-3121*

05/26/2005 11:14 5854933121 SENTINEL PAGE 01

SENTINEL Technologies, Inc.

Environmental and Industrial Remediation

May 26, 2005

Mr. Shawn Keenan
County of Monroe – Division of Pure Waters
Industrial Waste Section
444 E. Henrietta Road, Bldg. 15
Rochester, New York 14620

Re: Discharge of Waters
Stern Properties
320 N. Goodman Street
Rochester, New York

Dear Mr. Keenan,

SENTINEL Technologies, Inc., (SENTINEL) on behalf of Stern Properties would request that a permit be issued to allow for groundwater located in two (2) Frac-Tanks at this site be discharged to the Sanitary Sewer System.

Contractor:	SENTINEL Technologies, Inc.
Contact person:	Jack A. Fisher 585-750-2399
Site Name:	Stern Properties 320 North Goodman Street Rochester, New York

These waters were generated during work under the direction of the New York State Department of Environmental Conservation, involving the removal of soils that exhibited subsurface petroleum contamination. It has been determined that previously underground gasoline tanks were present on the site for the fueling of trucks and equipment. Dewatering of the excavation generated @ 40,000 gallons of water that is presently located in the two (2) Frac – Tanks.

Samples of the waters located in the tanks were collected by others on behalf of Mr. Stern and forwarded to Columbia Analytical Services Inc. for analysis. Upon review of the results, it was decided that these would waters would need to be treated before they would reach the limits of your agency for discharge to the sanitary system.

SENTINEL performed a collected water from these tanks to perform a pilot treatment test. Upon completion of the test, samples were transported to Life Science Laboratories, located at 699 South Main Street, Canandaiqua, New York for analysis.

Copies of analytical results for pre and post treatment are attached for your review.

5505 Rt. 19A., Castile, NY 14427 *(585) 493-2744 FAX (585) 493-3121*

05/26/2005 11:14 5854933121 SENTINEL PAGE 02

SENTINEL would propose to treat these waters by means of a portable treatment unit that incorporates air stripping with carbon polishing before final discharge. The unit is capable of producing @ 25 gallons per minute, if this flow rate would be acceptable.

If a discharge permit is issued, we would plan to discharge these waters within the next 1 – 2 weeks, with you being notified of the exact date of the work being initiated.

Thank you for your attention and assistance in this matter.

Sincerely,

Jack A. Fisher
SENTINEL Technologies, Inc.

cc: Mr. G. Stern
file

Columbia Analytical Services, Inc.
1 Mustard St., Suite 250
Rochester, NY 14609

Date: May 2, 2005
Number of pages: 4

To:
Mr. Gary Stern
Stern Properties
274 North Goodman Street
Rochester, NY 14607
Phone: 585-442-9061
Fax: 585-760-2194
cc:

From:
Amy Hentschke
Phone: (585) 288-5380
Fax: (585) 288-8475

RUSH REPORT

Submission #: R2525857
Project Reference: GOODMAN SITE

IMPORTANT NOTICE:

The documents accompanying this transmission may contain information which is legally privileged and/or confidential. The information is intended only for the use of the individual or entity named above. If you are not the intended recipient, or the person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, copying, distributing, or use of any information contained in this transmission is strictly PROHIBITED. If you have received this transmission in error, please immediately notify us by telephone and mail the original transmission to us. Thank you for your cooperation and assistance.

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 05/02/05

Stern Properties
Project Reference: GOODMAN SITE
Client Sample ID : GOODMAN SITE

Date Sampled : 04/25/05 12:10 Order #: 608437 Sample Matrix: WATER
Date Received: 04/25/05 Submission #: R2525857 Analytical Run 115553

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/28/05			
DATE ANALYZED : 04/30/05			
ANALYTICAL DILUTION: 0.96			
ACENAPHTHENE	5.0	4.8 U	UG/L
ACENAPHTHYLENE	5.0	4.8 U	UG/L
ANTHRACENE	5.0	4.8 U	UG/L
BENZIDINE	100	96 U	UG/L
BENZO(A)ANTHRACENE	5.0	4.8 U	UG/L
BENZO(A)PYRENE	5.0	4.8 U	UG/L
BENZO(B)FLUORANTHENE	5.0	4.8 U	UG/L
BENZO(G,H,I)PERYLENE	5.0	4.8 U	UG/L
BENZO(K)FLUORANTHENE	5.0	4.8 U	UG/L
BUTYL BENZYL PHTHALATE	5.0	4.8 U	UG/L
DI-N-BUTYLPHTHALATE	5.0	4.8 U	UG/L
INDENO(1,2,3-CD)PYRENE	5.0	4.8 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	5.0	4.8 U	UG/L
BIS(2-CHLOROETHYL)ETHER	5.0	4.8 U	UG/L
CHLORONAPHTHALENE	5.0	4.8 U	UG/L
CHLOROPHENOL	5.0	4.8 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0	4.8 U	UG/L
CHRYSENE	5.0	4.8 U	UG/L
DIBENZO(A,H)ANTHRACENE	5.0	4.8 U	UG/L
1,3-DICHLOROBENZENE	5.0	4.8 U	UG/L
1,2-DICHLOROBENZENE	5.0	4.8 U	UG/L
1,4-DICHLOROBENZENE	5.0	4.8 U	UG/L
3,3'-DICHLOROBENZIDINE	5.0	4.8 U	UG/L
2,4-DICHLOROPHENOL	5.0	4.8 U	UG/L
DIETHYLPHTHALATE	5.0	4.8 U	UG/L
DIMETHYL PHTHALATE	5.0	4.8 U	UG/L
2,4-DIMETHYLPHENOL	5.0	4.8 U	UG/L
2,4-DINITROPHENOL	50	48 U	UG/L
2,4-DINITROTOLUENE	5.0	4.8 U	UG/L
2,6-DINITROTOLUENE	5.0	4.8 U	UG/L
1,2-DIPHENYLHYDRAZINE	5.0	4.8 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	5.0	38	UG/L
FLUORANTHENE	5.0	4.8 U	UG/L
FLUORENE	5.0	4.8 U	UG/L
HEXACHLOROBENZENE	5.0	4.8 U	UG/L
HEXACHLOROBUTADIENE	5.0	4.8 U	UG/L
HEXACHLOROCYCLOPENTADIENE	5.0	4.8 U	UG/L
HEXACHLOROETHANE	5.0	4.8 U	UG/L
ISOPHORONE	5.0	4.8 U	UG/L
4,6-DINITRO-2-METHYLPHENOL	50	48 U	UG/L
4-CHLORO-3-METHYLPHENOL	5.0	4.8 U	UG/L
NAPHTHALENE	5.0	4.8 U	UG/L
NITROBENZENE	5.0	4.8 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 05/02/05

Stern Properties
Project Reference: GOODMAN SITE
Client Sample ID : GOODMAN SITE

Date Sampled : 04/25/05 12:10 Order #: 808437 Sample Matrix: WATER
Date Received: 04/25/05 Submission #: R2525857 Analytical Run: 115553

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 04/28/05			
DATE ANALYZED : 04/30/05			
ANALYTICAL DILUTION: 0.96			
2-NITROPHENOL	5.0	4.8 U	UG/L
4-NITROPHENOL	50	48 U	UG/L
N-NITROSODIMETHYLAMINE	5.0	4.8 U	UG/L
N-NITROSODIPHENYLAMINE	5.0	4.8 U	UG/L
DI-N-OCTYL PHTHALATE	5.0	4.8 U	UG/L
PENTACHLOROPHENOL	50	48 U	UG/L
PHENANTHRENE	5.0	4.8 U	UG/L
PHENOL	5.0	4.8 U	UG/L
4-BROMOPHENYL-PHENYLETHER	5.0	4.8 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	5.0	4.8 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	5.0	4.8 U	UG/L
PYRENE	5.0	4.8 U	UG/L
1,2,4-TRICHLOROBENZENE	5.0	4.8 U	UG/L
4,6-TRICHLOROPHENOL	5.0	4.8 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(49 - 133 %)	84	%
NITROBENZENE-d5	(36 - 105 %)	99	%
PHENOL-d6	(10 - 55 %)	37	%
2-FLUOROBIPHENYL	(36 - 99 %)	88	%
2-FLUOROPHENOL	(19 - 72 %)	51	%
2,4,6-TRIBROMOPHENOL	(20 - 160 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 602 BTEX+MTBE
Reported: 05/02/05

Stern Properties
Project Reference: GOODMAN SITE
Client Sample ID : GOODMAN/320

Date Sampled : 04/25/05 12:10 Order #: 808439 Sample Matrix: WATER
Date Received: 04/25/05 Submission #: R2525857 Analytical Run 115549

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/27/05			
ANALYTICAL DILUTION: 100.00			
BENZENE	1.0	100 U	UG/L
METHYL-TERT-BUTYL ETHER	1.0	100 U	UG/L
ETHYLBENZENE	1.0	100 U	UG/L
TOLUENE	1.0	8600	UG/L
M+P-XYLENE	2.0	1300	UG/L
O-XYLENE	1.0	280	UG/L

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE (PID)	(68 - 114 %)	97	%

LSL

Sentinel Technologies, Inc.
5055 Route 19A
Castile, NY 14427

Phone: (585) 493-2744
FAX: (585) 493-3121

Laboratory Analysis Report

For

Sentinel Technologies, Inc.

Client Project ID:

N. Goodman St.

LSL Project ID: **0507643**

Receive Date/Time: 05/20/05 11:45

Project Received by: PRV

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody document submitted with these samples is considered by LSL to be an appendix of this report and may contain specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

Life Science Laboratories, Inc.

LSL Central Lab	LSL North Lab	LSL Finger Lakes Lab	LSL Southern Tier Lab	LSL MidLakes Lab
5854 Buttermut Drive	131 St. Lawrence Avenue	16 N. Main St., PO Box 424	30 East Main Street	699 South Main Street
East Syracuse, NY 13057	Waddington, NY 13694	Wayland, NY 14572	Cuba, NY 14727	Canandaigua, NY 14424
Tel. (315) 445-1105	Tel. (315) 388-4476	Tel. (585) 728-3320	Tel. (585) 968-2640	Tel. (585) 396-0270
Fax (315) 445-1301	Fax (315) 388-4061	Fax (585) 728-2711	Fax (585) 968-0906	Fax (585) 396-0377
NYS DOH ELAP #10248	NYS DOH ELAP #10900	NYS DOH ELAP #11667	NYS DOH ELAP #10760	NYS DOH ELAP #11369
PA DEP #68-2556				

This report was reviewed by: [signature] *Date:* 5/25/05

Life Science Laboratories, Inc.

A copy of this report was sent to:

-- LABORATORY ANALYSIS REPORT --

Sentinel Technologies, Inc. Castile, NY

Sample ID: 052005-1-D **LSL Sample ID:** 0507643-001

Location: Post Pilot Test

Sampled: 05/20/05 9:10 **Sampled By:** AG

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) EPA 602 Volatiles + MTBE by 624					
Benzene	<2	ug/l		5/24/05	PRV
Chlorobenzene	<2	ug/l		5/24/05	PRV
1,2-Dichlorobenzene	<2	ug/l		5/24/05	PRV
1,3-Dichlorobenzene	<2	ug/l		5/24/05	PRV
1,4-Dichlorobenzene	<2	ug/l		5/24/05	PRV
Ethyl benzene	<2	ug/l		5/24/05	PRV
MTBE	<2	ug/l		5/24/05	PRV
Toluene	<2	ug/l		5/24/05	PRV
Xylenes (Total)	<6	ug/l		5/24/05	PRV
Surrogate (1,2-DCA-d4)	75	%R		5/24/05	PRV
Surrogate (Tol-d8)	95	%R		5/24/05	PRV
Surrogate (4-BFB)	88	%R		5/24/05	PRV
(3) EPA 625 Semi-Volatiles (B/N)					
Acenaphthene	<5	ug/l	5/23/05	5/24/05	NJT
Acenaphthylene	<5	ug/l	5/23/05	5/24/05	NJT
Anthracene	<5	ug/l	5/23/05	5/24/05	NJT
Benzidine	<5	ug/l	5/23/05	5/24/05	NJT
Benzo(a)anthracene	<5	ug/l	5/23/05	5/24/05	NJT
Benzo(b)fluoranthene	<5	ug/l	5/23/05	5/24/05	NJT
Benzo(k)fluoranthene	<5	ug/l	5/23/05	5/24/05	NJT
Benzo(ghi)perylene	<5	ug/l	5/23/05	5/24/05	NJT
Benzo(a)pyrene	<5	ug/l	5/23/05	5/24/05	NJT
4-Bromophenyl-phenylether	<5	ug/l	5/23/05	5/24/05	NJT
Butylbenzylphthalate	<5	ug/l	5/23/05	5/24/05	NJT
bis(2-Chloroethoxy)methane	<5	ug/l	5/23/05	5/24/05	NJT
bis(2-Chloroethyl)ether	<5	ug/l	5/23/05	5/24/05	NJT
bis(2-Chloroisopropyl)ether	<5	ug/l	5/23/05	5/24/05	NJT
2-Chloronaphthalene	<5	ug/l	5/23/05	5/24/05	NJT
4-Chlorophenyl-phenylether	<5	ug/l	5/23/05	5/24/05	NJT
Chrysene	<5	ug/l	5/23/05	5/24/05	NJT
Dibenz(a,h)anthracene	<5	ug/l	5/23/05	5/24/05	NJT
Di-n-butylphthalate	<5	ug/l	5/23/05	5/24/05	NJT
1,2-Dichlorobenzene	<5	ug/l	5/23/05	5/24/05	NJT
1,3-Dichlorobenzene	<5	ug/l	5/23/05	5/24/05	NJT
1,4-Dichlorobenzene	<5	ug/l	5/23/05	5/24/05	NJT
3,3'-Dichlorobenzidine	<5	ug/l	5/23/05	5/24/05	NJT
Diethylphthalate	<5	ug/l	5/23/05	5/24/05	NJT
Dimethylphthalate	<5	ug/l	5/23/05	5/24/05	NJT
2,4-Dinitrotoluene	<5	ug/l	5/23/05	5/24/05	NJT
2,6-Dinitrotoluene	<5	ug/l	5/23/05	5/24/05	NJT
Di-n-octylphthalate	<5	ug/l	5/23/05	5/24/05	NJT
bis(2-Ethylhexyl)phthalate	<5	ug/l	5/23/05	5/24/05	NJT
Fluoranthene	<5	ug/l	5/23/05	5/24/05	NJT
Fluorene	<5	ug/l	5/23/05	5/24/05	NJT
Hexachlorobenzene	<5	ug/l	5/23/05	5/24/05	NJT
Hexachlorobutadiene	<5	ug/l	5/23/05	5/24/05	NJT

Life Science Laboratories, Inc.

Date Printed: 5/25/05

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes*

-- LABORATORY ANALYSIS REPORT --

Sentinel Technologies, Inc. Castile, NY

Sample ID: 052005-1-D **LSL Sample ID:** 0507643-001
Location: Post Pilot Test
Sampled: 05/20/05 9:10 **Sampled By:** AG
Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(5) EPA 625 Semi-Volatiles (B/N)					
Hexachlorocyclopentadiene	<5	ug/l	5/23/05	5/24/05	NJT
Laboratory control sample recovery for this analysis was below established control limits.					
Hexachloroethane	<5	ug/l	5/23/05	5/24/05	NJT
Indeno(1,2,3-c,d)pyrene	<5	ug/l	5/23/05	5/24/05	NJT
Isophorone	<5	ug/l	5/23/05	5/24/05	NJT
Naphthalene	<5	ug/l	5/23/05	5/24/05	NJT
Nitrobenzene	<5	ug/l	5/23/05	5/24/05	NJT
N-Nitrosodimethylamine	<5	ug/l	5/23/05	5/24/05	NJT
Laboratory control sample recovery for this analysis was below established control limits.					
N-Nitrosodiphenylamine	<5	ug/l	5/23/05	5/24/05	NJT
N-Nitroso-di-n-propylamine	<5	ug/l	5/23/05	5/24/05	NJT
Phenanthrene	<5	ug/l	5/23/05	5/24/05	NJT
Pyrene	<5	ug/l	5/23/05	5/24/05	NJT
1,2,4-Trichlorobenzene	<5	ug/l	5/23/05	5/24/05	NJT
1,2-Diphenylhydrazine	<5	ug/l	5/23/05	5/24/05	NJT

One surrogate recovery for this analysis was below established control limits.

Life Science Laboratories, Inc.

Date Printed: 5/25/05

Analysis performed at: *(1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes*

SENTINEL Technologies, Inc.

4958 School Road, Gainesville, NY 14066, (716) 493-2744

Chain of Custody Record
Date Due: ASAP

Client: Stern Properties	SENTINEL Project Manager: JAF	Laboratory	Analysis Re
Project Name: N. Goodman St.	SENTINEL Project No: 1339-05	L/S	602 + MBE / 625

0507643
SentinelTech_Castile

Sample Number	Date	Time	Comp	Grab	Sample Description	Number of Containers	602 + MBE	625						
052005-1-D	5/20/05	0915		✓	Post Pilot test	3	✓	✓	001	A, B, C				

Comments:

Sampled/Relinquished By (Signature)	Date	Time	Relinquished By (Signature)	Date	Time
	5/20/05	1145			
Received By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**
	5/23/05	11:45			
Relinquished By (Signature)	Date	Time	Relinquished By (Signature)	Date	Time
Received By (Signature)	Date	Time	Received at Laboratory By (Signature)	Date	Time

19.0°C

625 BN per Jack Fisher (MAE 5/26/05)

05/26/2005 11:14 5854933121 LSL Midlakes PAGE 12
May. 24. 2005 8:47AM SENTINEL No. 0180 P. 3
May. 27. 2005 1:27PM No. 0004 P. 11

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix D

CW CHEMWORLD ENVIRONMENTAL, INC.
Environmental Consulting Services

April 14, 2008

Mr. Craig A. Stiles, P.G.
Environmental Geologist
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

RE: Data Usability Summary Report (DUSR) #1
320 N. Goodman Project
Columbia Analytical Services, Inc., Rochester, NY
Submission / Lab Job No. R2736311
Water Samples
Analyses for Volatile Organics, Semi-Volatiles (Base/Neutral Extractable Organics, only), Polychlorinated Biphenyls (PCB's) and Inorganics (Metals)

Dear Mr. Stiles:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the 320 N. Goodman Project for the water sampling event of February 22, 2007. The DUSR review was performed in accordance with United States Environmental Protection Agency (USEPA) Region II data validation guidelines and New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocol (ASP) requirements, where applicable.

The analytical data from Lab Job No. R2736311 was reviewed (screened) for the parameters above. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Result Forms are included as Attachment A. These Forms include data qualifiers as described within this letter report. Unless otherwise noted, all results included on the Forms are considered usable, based upon the DUSR review items noted below. Attachment B includes copies of the associated Case Narratives and the Chain-of-Custody forms.

The DUSR review items include the following, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Review
- Holding Times from Verified Time of Sample Receipt (VTSR) for Waters
- Surrogate Recovery
- GC/MS Instrument Performance Check
- Initial and Continuing Calibration
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blank (MSB) or Laboratory Control Sample (LCS)
- Internal Standards
- Method and Field Blanks
- CRDL Standards for ICP
- Laboratory Duplicate Samples
- ICP Interference Check
- ICP Serial Dilutions

The QC Summary Forms included various deviations based upon the acceptable limits for quality control. The following should be noted regarding qualification of the data set for the review items above.

14 Orchard Way North, Rockville, Maryland 20854, Tel. 301-294-6144, Fax 301-309-6640

Volatiles – Water, Lab Job No. R2736311

Temperature Upon Receipt: The samples arrived at the laboratory at a temperature of 9°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples did not require qualification due to the fact that the temperature upon receipt was <10°C.

Qualification of the data set was not required for the Volatile analyses. The associated quality control information was found to be acceptable.

Semi-Volatiles (Base/Neutrals, only) – Waters, Lab Job No. R2736311

Temperature Upon Receipt: The samples arrived at the laboratory at a temperature of 9°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples did not require qualification due to the fact that the temperature upon receipt was <10°C.

Surrogate Recovery: Samples MW-18 and the re-analysis (MW-18RE) generated low surrogate recovery for Nitrobenzene-d5 and 2-Fluorobiphenyl at 12% and 18%, respectively, for both analyses (Limit Range 38-105). The samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for Semi-Volatiles.

PCB's – Waters, Lab Job No. R2736311

Temperature Upon Receipt: The samples arrived at the laboratory at a temperature of 9°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples did not require qualification due to the fact that the temperature upon receipt was <10°C.

Surrogate Recovery: Sample MW-18 generated low surrogate recovery for DCB at 25% (Limit 60-150). The sample was qualified as 'UJ', estimated, for the non-detectable results for PCB's. Positive results were not detected.

Inorganics (Metals) – Waters, Lab Job No. R2736311

Temperature Upon Receipt: The samples arrived at the laboratory at a temperature of 9°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples did not require qualification due to the fact that the temperature upon receipt was <10°C.

Qualification of the data set was not required for the Inorganic analyses. The associated quality control information was found to be acceptable.

Quality Control Samples: It should be noted that a site-specific Matrix Spike Sample and Laboratory Duplicate Sample were not analyzed for the 1 water sample. In addition, the laboratory did not include batch samples for these QC samples.

Please contact me by telephone or Fax at 301-294-6144, should you require additional information or clarification regarding this Letter Report.

Sincerely,

Andrea P. Schuessler

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.

c: LB-2007.12 file

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

INORGANIC DATA QUALIFIERS

U - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.

B - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.

J - The reported value is estimated due to variance from quality control limits.

UJ - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.

E - Reported value is estimated because of the presence of interference.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not analyzed.

ATTACHMENT A

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-18

Date Sampled : 02/22/07 13:25 **Order #:** 980101 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141502

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/23/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	23	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-18

Date Sampled : 02/22/07 13:25 **Order #:** 980101 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141502

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/23/07			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	0.43 J	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	87	%
TOLUENE-D8	(88 - 124 %)	91	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	96	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-14R

Date Sampled : 02/22/07 11:25 **Order #:** 980103 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141717

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/27/07			
ANALYTICAL DILUTION: 5.00			
BENZENE	1.0	1.6 J	UG/L
N-BUTYLBENZENE	5.0	25 U	UG/L
SEC-BUTYLBENZENE	5.0	25 U	UG/L
TERT-BUTYLBENZENE	5.0	25 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	25 U	UG/L
ETHYLBENZENE	5.0	150	UG/L
ISOPROPYL BENZENE	5.0	42	UG/L
P-ISOPROPYLTOLUENE	5.0	25 U	UG/L
NAPHTHALENE	5.0	25 U	UG/L
N-PROPYLBENZENE	5.0	9.3 J	UG/L
TOLUENE	5.0	640	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	6.4 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	3.0 J	UG/L
O-XYLENE	5.0	120	UG/L
M+P-XYLENE	5.0	650	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	104	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-15R

Date Sampled : 02/22/07 12:15 **Order #:** 980104 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141717

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/27/07			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.6	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	0.51 J	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	0.39 J	UG/L
ETHYLBENZENE	5.0	1.4 J	UG/L
ISOPROPYL BENZENE	5.0	3.9 J	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	2.7 J	UG/L
TOLUENE	5.0	86	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1.3 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	0.74 J	UG/L
O-XYLENE	5.0	1.7 J	UG/L
M+P-XYLENE	5.0	26	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	105	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-17R

Date Sampled : 02/22/07 12:50 **Order #:** 980105 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141502

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/23/07			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	3.1	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	6.4	UG/L
ISOPROPYL BENZENE	5.0	5.3	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	1.1 J	UG/L
TOLUENE	5.0	210 E	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1.4 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	0.50 J	UG/L
O-XYLENE	5.0	8.2	UG/L
M+P-XYLENE	5.0	110	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	89	%
TOLUENE-D8	(88 - 124 %)	91	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-17R

Date Sampled : 02/22/07 12:50 **Order #:** 980105 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141502

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/27/07			
ANALYTICAL DILUTION: 2.00			
BENZENE	1.0	2.3	UG/L
N-BUTYLBENZENE	5.0	10 U	UG/L
SEC-BUTYLBENZENE	5.0	10 U	UG/L
TERT-BUTYLBENZENE	5.0	10 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	10 U	UG/L
ETHYLBENZENE	5.0	5.3 J	UG/L
ISOPROPYL BENZENE	5.0	4.5 J	UG/L
P-ISOPROPYLTOLUENE	5.0	10 U	UG/L
NAPHTHALENE	5.0	10 U	UG/L
N-PROPYLBENZENE	5.0	1.0 J	UG/L
TOLUENE	5.0	160 D	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1.1 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	10 U	UG/L
O-XYLENE	5.0	6.5 J	UG/L
M+P-XYLENE	5.0	81	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : TRIP BLANK

Date Sampled : 02/22/07 **Order #:** 980106 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141717

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/27/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : TRIP BLANK

Date Sampled : 02/22/07 **Order #:** 980106 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141717

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 02/27/07			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-18

Date Sampled : 02/22/07 13:25 **Order #:** 980101 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141288

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 02/26/07			
DATE ANALYZED : 03/01/07			
ANALYTICAL DILUTION: 0.98			
ACENAPHTHENE	10	9.8 UJ	UG/L
ANTHRACENE	10	9.8 U	UG/L
BENZO(A)ANTHRACENE	10	9.8 U	UG/L
BENZO(A)PYRENE	10	9.8 U	UG/L
BENZO(B)FLUORANTHENE	10	9.8 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.8 U	UG/L
BENZO(K)FLUORANTHENE	10	9.8 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.8 U	UG/L
CHRYSENE	10	9.8 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.8 U	UG/L
FLUORANTHENE	10	0.78 J	UG/L
FLUORENE	10	9.8 UJ	UG/L
NAPHTHALENE	10	9.8 UJ	UG/L
PHENANTHRENE	10	0.50 J	UG/L
PYRENE	10	0.77 J	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	42	%
NITROBENZENE-d5	(38 - 105 %)	12 *	%
2-FLUOROBIPHENYL	(38 - 100 %)	18 *	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-18-RE

Date Sampled : 02/22/07 13:25 **Order #:** 980101 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 0

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 02/26/07			
DATE ANALYZED : 03/01/07			
ANALYTICAL DILUTION: 0.98			
ACENAPHTHENE	10	9.8 UJ	UG/L
ANTHRACENE	10	9.8 U	UG/L
BENZO(A)ANTHRACENE	10	9.8 U	UG/L
BENZO(A)PYRENE	10	9.8 U	UG/L
BENZO(B)FLUORANTHENE	10	9.8 U	UG/L
BENZO(G,H,I)PERYLENE	10	9.8 U	UG/L
BENZO(K)FLUORANTHENE	10	9.8 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.8 U	UG/L
CHRYSENE	10	9.8 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.8 U	UG/L
FLUORANTHENE	10	0.74 J	UG/L
FLUORENE	10	9.8 UJ	UG/L
NAPHTHALENE	10	9.8 UJ	UG/L
PHENANTHRENE	10	0.45 J	UG/L
PYRENE	10	0.79 J	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	45	%
NITROBENZENE-d5	(38 - 105 %)	12 *	%
2-FLUOROBIPHENYL	(38 - 100 %)	18 *	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 03/16/07

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT #206101
Client Sample ID : MW-18

Date Sampled : 02/22/07 13:25 **Order #:** 980101 **Sample Matrix:** WATER
Date Received: 02/22/07 **Submission #:** R2736311 **Analytical Run** 141437

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 02/23/07			
DATE ANALYZED : 03/06/07			
ANALYTICAL DILUTION: 1.00			
PCB 1016	1.0	1.0 U J	UG/L
PCB 1221	2.0	2.0 U	UG/L
PCB 1232	1.0	1.0 U	UG/L
PCB 1242	1.0	1.0 U	UG/L
PCB 1248	1.0	1.0 U	UG/L
PCB 1254	1.0	1.0 U	UG/L
PCB 1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS	NYSDEC		
DECACHLOROBIPHENYL	(10 - 129 %)	(60-150)	25 *	%
TETRACHLORO-META-XYLENE	(34 - 113 %)	(60-150)	87	%

olumbia Analytical Services

METALS

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

MW-18-F

ontract: R2736311

ab Code: Case No.: SAS No.: SDG NO.: 980101

atrix (soil/water): WATER Lab Sample ID: 980102

evel (low/med): LOW Date Received: 02/22/07

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	146			P
7440-43-9	Cadmium	5.0	U		P
7440-47-3	Chromium	10.0	U		P
7439-92-1	Lead	12.1			P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

ATTACHMENT B

CASE NARRATIVE
COMPANY: Stern Properties
320 N. Goodman Street #206101
SUBMISSION #: R2736311

Stern samples were collected on 02/22/07 and received at CAS on 02/22/07 in good condition.

INORGANICS

One water sample was analyzed for TAL metals by method 6010B/7470A.

Site specific QC was not requested for these samples. All Blank spike recoveries were within limits.

All Laboratory Blanks were free of contamination.

No other analytical or QC problems were encountered.

VOLATILE ORGANICS

Three water samples were analyzed for the STARS list of Volatiles by method 8260B from SW-846. One water sample and one Trip Blank were analyzed for the TCL+STARS list of Volatiles by method 8260B from SW-846.

All tuning criteria for BFB were met.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within acceptance limits for all samples.

Site specific QC was not requested for these samples. All Reference spike recoveries were within limits.

The Laboratory Blanks associated with these analyses were free of contamination.

For sample MW-17R Toluene exceeded the calibration range of the instrument and has been "E" flagged accordingly. The sample was diluted and re-analyzed to bring the over-range compound into the calibrated range of the instrument. Toluene was identified in the dilution and has been "D" flagged accordingly.

All results between the MDL and PQL have been "J" flagged as estimated.

All samples were analyzed within recommended holding times.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

One water sample was analyzed for the STARS list of Semivolatiles by method 8270C.

All tuning criteria for DFTPP were met.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits except Nitrobenzene-d5 and 2-Fluorobiphenyl for sample MW-18 were outside limits low. The sample was re-analyzed to confirm the low surrogate recoveries since no sample was available for re-extraction. All outlying QC has been flagged as "*".

Site specific QC was not requested for these samples. All Blank Spike/Blank Spike duplicate recoveries were within limits. All RPD's were within limits.

The Laboratory Blank associated with these analyses was free of contamination.

All results between the MDL and PQL have been "J" flagged as estimated.

No other analytical or QC problems were encountered.

PCB'S

One water sample was analyzed for PCB's by methods 8082 from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within limits.

Site specific QC was not requested for these samples. All Blank Spike/Blank Spike Duplicate recoveries were within limits. All RPD's were within limits.

The Laboratory Blank associated with these analyses was free of contamination.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details conditioned above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, INC.
Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

CAS Contact

Project Name	Project Number
320 N. GOODMAN	206101
Project Manager DENNIS PORTER, LABELLA ASSOC.	**Report CC** MR. GARY STERN
Company/Address THE GARY & MARCIA STERN FAMILY LIMITED PARTNERSHIP 274 N. GOODMAN ST ROCHESTER, NY 14607	
Phone # 442-9061	**FAX#** 760-2394
Sampler's Signature Craig A Stiles	**Sampler's Printed Name** CRAIG A. STILES

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 1 | 0 | | | 0 | 2 | | 1

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP STARS	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP STARS	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☒ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below) RCRA	METALS, DISSOLVED (List in comments below)	8260 TCL + STARS							REMARKS/ ALTERNATE DESCRIPTION
MW-18	980101/980102	2/22/07	1325	GW	6		X			X	X		X							* pour off 50 ml from each extractable bottle for dissolved RCRA metals as per Craig Stiles dmd 2/22/07
MW-14R	980103	↓	1125	↓	3	X														
MW-15R	980104		1215		3	X														
MW-17R	980105		1250		3	X														
TRIP BLANK	980106				3								X							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals Catagory B Deliverables

Cc: Report to LABELLA ASSOCIATES
ATTN: DENNIS PORTER
300 STATE ST, SUITE 201
ROCHESTER, NY 14614

☐ See QAPP

TURNAROUND REQUIREMENTS
- ____ RUSH (SURCHARGES APPLY)
- ____ 24 hr ____ 48 hr ____ 5 day
- X STANDARD
- REQUESTED FAX DATE: _____
- REQUESTED REPORT DATE: _____

REPORT REQUIREMENTS
- ____ I. Results Only
- ____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
- ____ III. Results + QC and Calibration Summaries
- X IV. Data Validation Report with Raw Data
- ____ V. Speicalized Forms / Custom Report
- Edata ____ Yes ____ No

INVOICE INFORMATION
- PO#:
- BILL TO: THE GARY & MARCIA STERN FAMILY LIMITED PARTNERSHIP
- SUBMISSION #: 12273611

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Craig A Stiles	Signature: Kelly M. Cook	Signature	Signature	Signature	Signature
Printed Name: CRAIG A. STILES	Printed Name: K. Cook	Printed Name	Printed Name	Printed Name	Printed Name
Firm: LABELLA ASSOC.	Firm: STL ROC	Firm	Firm	Firm	Firm
Date/Time: 2.22.07 @ 1413	Date/Time: 2/22/07 1413	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

CW CHEMWORLD ENVIRONMENTAL, INC.
Environmental Consulting Services

April 14, 2008

Mr. Craig A. Stiles, P.G.
Environmental Geologist
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

RE: Data Usability Summary Report (DUSR) #2
320 N. Goodman Project
Columbia Analytical Services, Inc., Rochester, NY
Submission / Lab Job Nos. R2634922, R2525779 and R2525809
Water and Soil / Solid Samples
Analyses for Volatile Organics, only

Dear Mr. Stiles:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the 320 N. Goodman Project for the water and soil / solid sampling events of April 12 – 20, 2005 and November 27, 2006. The DUSR review was performed in accordance with United States Environmental Protection Agency (USEPA) Region II data validation guidelines and New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocol (ASP) requirements, where applicable.

The analytical data from the Lab Job Nos. noted above were reviewed (screened) for the parameters noted. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Result Forms are included as Attachment A. These Forms include data qualifiers as described within this letter report. Unless otherwise noted, all results included on the Forms are considered usable, based upon the DUSR review items noted below. Attachment B includes copies of the associated Case Narratives and the Chain-of-Custody forms.

The DUSR review items include the following, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Review
- Holding Times for Water and Soil / Solids
- Surrogate Recovery
- GC/MS Instrument Performance Check
- Initial and Continuing Calibration
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blank (MSB) or Laboratory Control Sample (LCS)
- Internal Standards
- Method and Field Blanks

The QC Summary Forms included various deviations based upon the acceptable limits for quality control. The following should be noted regarding qualification of the data set for the review items above.

14 Orchard Way North, Rockville, Maryland 20854, Tel. 301-294-6144, Fax 301-309-6640

Volatiles – Water, Lab Job No. R2634922

Temperature Upon Receipt: The samples arrived at the laboratory at a temperature of 9°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples did not require qualification due to the fact that the temperature upon receipt was <10°C.

Qualification of the data set was not required for the Volatile analyses. The associated quality control information was found to be acceptable.

Volatiles – Soil / Solids, Lab Job No. R2525779

Temperature Upon Receipt: All of the 40 soil / solid samples arrived at the laboratory at a temperature of 15°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the Volatile compounds.

Verified Time of Sample Receipt and Documentation: The soil / solid samples were delivered to the laboratory 1 to 7 days after collection in the field. Samples are required to arrive at the laboratory within 48 hours of collection. It should be noted that only 2 of the 5 Chain-of-Custody Forms include any notation of 'Chilling' the samples. There is no documentation of the Client being contacted and informed that the soil / solid samples arrived at the lab at 15°C (Limit 4-6°C).

Volatiles – Soil / Solid, Lab Job No. R2525809

Temperature Upon Receipt: The samples arrived at the laboratory at a temperature of 8°C (Limit 4-6°C). In accordance with EPA Region II guidelines, the samples did not require qualification due to the fact that the temperature upon receipt was <10°C.

Qualification of the data set was not required for the Volatile analyses. The associated quality control information was found to be acceptable.

Please contact me by telephone or Fax at 301-294-6144, should you require additional information or clarification regarding this Letter Report.

Sincerely,

Andrea P. Schuessler

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.

c: LB-2007.13 file

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

ATTACHMENT A

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 12/13/06

Stern Properties
Project Reference: 320 NORTH GOODMAN
Client Sample ID : MW-14R

Date Sampled : 11/27/06 11:40 **Order #:** 959482 **Sample Matrix:** WATER
Date Received: 11/27/06 **Submission #:** R2634922 **Analytical Run** 138142

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/29/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.1	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	60	UG/L
ISOPROPYL BENZENE	5.0	27	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.3	UG/L
TOLUENE	5.0	260 E	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	2.9 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	1.0 J	UG/L
O-XYLENE	5.0	44	UG/L
M+P-XYLENE	5.0	260	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	105	%
TOLUENE-D8	(88 - 124 %)	96	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	92	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 12/13/06

Stern Properties
Project Reference: 320 NORTH GOODMAN
Client Sample ID : MW-14R

Date Sampled : 11/27/06 11:40 **Order #:** 959482 **Sample Matrix:** WATER
Date Received: 11/27/06 **Submission #:** R2634922 **Analytical Run** 138142

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/01/06			
ANALYTICAL DILUTION: 2.00			
BENZENE	1.0	1.2 J	UG/L
N-BUTYLBENZENE	5.0	10 U	UG/L
SEC-BUTYLBENZENE	5.0	10 U	UG/L
TERT-BUTYLBENZENE	5.0	10 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	10 U	UG/L
ETHYLBENZENE	5.0	66	UG/L
ISOPROPYL BENZENE	5.0	30	UG/L
P-ISOPROPYLTOLUENE	5.0	10 U	UG/L
NAPHTHALENE	5.0	10 U	UG/L
N-PROPYLBENZENE	5.0	5.7 J	UG/L
TOLUENE	5.0	300 D	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	2.8 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	10 U	UG/L
O-XYLENE	5.0	53	UG/L
M+P-XYLENE	5.0	320	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	104	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 12/13/06

Stern Properties
Project Reference: 320 NORTH GOODMAN
Client Sample ID : MW-15R

Date Sampled : 11/27/06 12:00 **Order #:** 959483 **Sample Matrix:** WATER
Date Received: 11/27/06 **Submission #:** R2634922 **Analytical Run** 138141

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/29/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	1.1 J	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	7.4	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	7.5	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	1.6 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	0.99 J	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	104	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	95	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 12/13/06

Stern Properties
Project Reference: 320 NORTH GOODMAN
Client Sample ID : MW-16R

Date Sampled : 11/27/06 11:54 **Order #:** 959484 **Sample Matrix:** WATER
Date Received: 11/27/06 **Submission #:** R2634922 **Analytical Run** 138141

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/29/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	1.9 J	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 12/13/06

Stern Properties
Project Reference: 320 NORTH GOODMAN
Client Sample ID : MW-17R

Date Sampled : 11/27/06 11:46 **Order #:** 959485 **Sample Matrix:** WATER
Date Received: 11/27/06 **Submission #:** R2634922 **Analytical Run** 138141

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/29/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	1.6 J	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	103	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 12/13/06

Stern Properties
Project Reference: 320 NORTH GOODMAN
Client Sample ID : TRIP BLANK

Date Sampled : 11/27/06 09:30 **Order #:** 959486 **Sample Matrix:** WATER
Date Received: 11/27/06 **Submission #:** R2634922 **Analytical Run** 138141

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/29/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWNEX.4 (7.0-7.5FT)

Date Sampled : 04/13/05 15:45 **Order #:** 806850 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	69	%

210
10/3/07
09

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.2 BOTTOM (3.0FT)

Date Sampled : 04/12/05 12:30 **Order #:** 806855 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 87.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/20/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	90	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWN EX.2 (2.5-3.0FT)

Date Sampled : 04/12/05 12:35 **Order #:** 806856 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	39	%

10/3/07

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.2 (2.5-3.0FT)

Date Sampled : 04/12/05 12:40 **Order #:** 806857 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 87.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/20/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	70	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.2 (2.5-3.0FT)

Date Sampled : 04/12/05 12:45 **Order #:** 806858 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 92.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/20/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	40	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.2 (2.5-3.0FT)

Date Sampled : 04/12/05 12:50 **Order #:** 806859 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 90.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	79	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.1 BOTTOM (15.0FT)

Date Sampled : 04/12/05 15:10 **Order #:** 806860 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 88.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 125.00			Dry Weight
BENZENE	1.0	140 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	160 J	UG/KG
TERT-BUTYLBENZENE	1.0	140 UJ	UG/KG
N-BUTYLBENZENE	1.0	1200 J	UG/KG
METHYL-TERT-BUTYLETHER	1.0	140 UJ	UG/KG
ETHYLBENZENE	1.0	8800 J	UG/KG
ISOPROPYLBENZENE	1.0	1600 J	UG/KG
P-ISOPROPYLTOLUENE	1.0	140 UJ	UG/KG
NAPHTHALENE	1.0	1400 J	UG/KG
N-PROPYLBENZENE	1.0	3200 J	UG/KG
TOLUENE	1.0	140 UJ	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	11000 J	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	3400 J	UG/KG
O-XYLENE	2.0	1100 J	UG/KG
M+P-XYLENE	2.0	14000 J	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	119	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.1 (10.0-10.5FT)

Date Sampled : 04/12/05 15:30 **Order #:** 806861 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 89.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/20/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	84	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.1 (8.0-8.5FT)

Date Sampled : 04/12/05 15:40 **Order #:** 806862 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 92.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/20/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	2.0	2.2 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE			

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	80	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWN EX.1 (7.0-7.5FT)

Date Sampled : 04/12/05 15:45 **Order #:** 806863 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 92.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/20/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	79	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.1 (7.0-7.5FT)

Date Sampled : 04/12/05 15:55 **Order #:** 806864 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 91.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	71	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.3 (8.0-8.5FT)

Date Sampled : 04/13/05 13:00 **Order #:** 806865 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 81.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.5 U	UG/KG
M+P-XYLENE	2.0	2.5 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	50	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.3 (8.0-9.0FT)

Date Sampled : 04/13/05 13:10 **Order #:** 806866 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 85.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	70	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.3 (8.0-9.0FT)

Date Sampled : 04/13/05 13:15 **Order #:** 806867 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	74	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWN EX.3 (8.0-9.0FT)

Date Sampled : 04/13/05 13:30 **Order #:** 806868 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	91	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.1 BACKFILL

Date Sampled : 04/12/05 16:00 **Order #:** 806869 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 86.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	44	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.3 BACKFILL

Date Sampled : 04/13/05 14:00 **Order #:** 806870 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 84.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	68	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.4 (12.0-13.0FT)

Date Sampled : 04/13/05 15:30 **Order #:** 806871 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 84.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	86	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.4 (10.0-10.5FT)

Date Sampled : 04/13/05 15:25 **Order #:** 806872 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	83	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.4 BOTTOM (15.0FT)

Date Sampled : 04/13/05 16:10 **Order #:** 806873 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 82.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	89	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.4 (14.0-14.5FT)

Date Sampled : 04/13/05 15:40 **Order #:** 806874 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 82.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	85	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWN EX.5 (7.0-7.5FT)

Date Sampled : 04/14/05 11:15 **Order #:** 806875 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 82.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	74	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.5 (10.0-10.5FT)

Date Sampled : 04/14/05 11:25 **Order #:** 806876 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 82.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	66	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.5 (6.0-6.5FT)

Date Sampled : 04/14/05 11:35 **Order #:** 806877 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 81.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.5 U	UG/KG
M+P-XYLENE	2.0	2.5 U J	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	72	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.5 (9.0-9.5FT)

Date Sampled : 04/14/05 11:10 **Order #:** 806878 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 80.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.5 U	UG/KG
M+P-XYLENE	2.0	2.5 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	67	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.5 BOTTOM (15.0FT)

Date Sampled : 04/14/05 11:20 **Order #:** 806879 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 85.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	5.6 J	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 UJ	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 UJ	UG/KG
O-XYLENE	2.0	2.4 UJ	UG/KG
M+P-XYLENE	2.0	2.4 UJ	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	74	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWN EX.6 (5.0-5.5FT)

Date Sampled : 04/14/05 11:55 **Order #:** 806880 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	75	%

CP 10/3/07

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.6 (4.5-5.0FT)

Date Sampled : 04/14/05 13:35 **Order #:** 806881 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	60	%

DP 10/3/07

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.6 (6.0-6.5FT)

Date Sampled : 04/14/05 13:30 **Order #:** 806882 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 87.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	64	%

CP 10/3/07

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.6 (6.5-7.0FT)

Date Sampled : 04/14/05 13:39 **Order #:** 806883 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 84.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	69	%

CP 10/3/07
333
94

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.6 BOTTOM (7.0FT)

Date Sampled : 04/14/05 14:00 **Order #:** 806884 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 85.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	75	%

337

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~~96~~

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.7 BOTTOM (15.0FT)

Date Sampled : 04/15/05 14:00 **Order #:** 806885 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 86.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U J	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	59	%

341

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWW EX.7 (10.0-10.5FT)

Date Sampled : 04/15/05 13:55 **Order #:** 806888 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 90.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	82	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWE EX.7 (12.0-12.5FT)

Date Sampled : 04/15/05 13:50 **Order #:** 806890 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 84.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	84	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWS EX.7 (5.0-5.5FT)

Date Sampled : 04/15/05 13:45 **Order #:** 806891 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 82.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	78	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWN EX.7 (7.5-8.0FT)

Date Sampled : 04/15/05 13:40 **Order #:** 806892 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 86.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/22/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	75	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.8 BOTTOM (12.0FT)

Date Sampled : 04/18/05 14:00 **Order #:** 806893 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 85.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	38 J	UG/KG
ISOPROPYLBENZENE	1.0	2.7 J	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 UJ	UG/KG
NAPHTHALENE	1.0	1.2 UJ	UG/KG
N-PROPYLBENZENE	1.0	1.5 J	UG/KG
TOLUENE	1.0	1.2 UJ	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.5 J	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 UJ	UG/KG
O-XYLENE	2.0	4.5 J	UG/KG
M+P-XYLENE	2.0	160 J	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	113	%

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361
~~108~~

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.5 BACKFILL

Date Sampled : 04/14/05 12:00 **Order #:** 806894 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 89.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/23/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.2 U	UG/KG
M+P-XYLENE	2.0	2.2 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	62	%

370

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 10/05/07

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.7 BACKFILL

Date Sampled : 04/15/05 14:10 **Order #:** 806895 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 88.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/23/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 UJ	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	59	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : EX.3 BOTTOM (10.0FT)

Date Sampled : 04/13/05 13:55 **Order #:** 807028 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/19/05 **Submission #:** R2525779 **Percent Solid:** 83.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/21/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U J	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	89	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWNWEX.8 (8.0-8.5FT)

Date Sampled : 04/20/05 13:39 **Order #:** 807470 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/21/05 **Submission #:** R2525809 **Percent Solid:** 88.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/23/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	86	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWWEX.8 (7.0-7.5FT)

Date Sampled : 04/20/05 13:50 **Order #:** 807471 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/21/05 **Submission #:** R2525809 **Percent Solid:** 84.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/23/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	79	%

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COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWNEX.8 (12.0-12.5FT)

Date Sampled : 04/20/05 13:55 **Order #:** 807472 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/21/05 **Submission #:** R2525809 **Percent Solid:** 88.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.1 U	UG/KG
SEC-BUTYLBENZENE	1.0	1.1 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.1 U	UG/KG
N-BUTYLBENZENE	1.0	1.1 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.1 U	UG/KG
ETHYLBENZENE	1.0	1.1 U	UG/KG
ISOPROPYLBENZENE	1.0	1.1 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.1 U	UG/KG
NAPHTHALENE	1.0	1.1 U	UG/KG
N-PROPYLBENZENE	1.0	1.1 U	UG/KG
TOLUENE	1.0	1.1 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.1 U	UG/KG
O-XYLENE	2.0	2.3 U	UG/KG
M+P-XYLENE	2.0	2.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	82	%

~~10~~ Dec 9/27/07

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8021B STARS LIST VOAS
Reported: 05/04/05

Stern Properties
Project Reference: SOIL REMOVAL IRM 320 N GOODMAN ST #041105
Client Sample ID : SWSEX.8 (9.0-9.5FT)

Date Sampled : 04/20/05 13:45 **Order #:** 807473 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 04/21/05 **Submission #:** R2525809 **Percent Solid:** 83.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/28/05			
ANALYTICAL DILUTION: 1.00			Dry Weight
BENZENE	1.0	1.2 U	UG/KG
SEC-BUTYLBENZENE	1.0	1.2 U	UG/KG
TERT-BUTYLBENZENE	1.0	1.2 U	UG/KG
N-BUTYLBENZENE	1.0	1.2 U	UG/KG
METHYL-TERT-BUTYLETHER	1.0	1.2 U	UG/KG
ETHYLBENZENE	1.0	1.2 U	UG/KG
ISOPROPYLBENZENE	1.0	1.2 U	UG/KG
P-ISOPROPYLTOLUENE	1.0	1.2 U	UG/KG
NAPHTHALENE	1.0	1.2 U	UG/KG
N-PROPYLBENZENE	1.0	1.2 U	UG/KG
TOLUENE	1.0	1.2 U	UG/KG
1,2,4-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
1,3,5-TRIMETHYLBENZENE	1.0	1.2 U	UG/KG
O-XYLENE	2.0	2.4 U	UG/KG
M+P-XYLENE	2.0	2.4 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
CHLOROFLUOROBENZENE	(39 - 136 %)	90	%

~~12~~
DO 4/27/05

ATTACHMENT B

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Stern Properties	**Service Request No.:**	R2634922
Project:	320 North Goodman	**Date Received:**	11/27/06
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV, CLP deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Four samples and one trip blank were received for analysis at Columbia Analytical Services on 11/27/06. The following discrepancy was noted upon initial sample inspection: The samples were received at a temperature over 6°C. As per instructions from Craig Stiles, all samples were to be tested, despite thermal preservation issues. This exception is also noted on the cooler receipt and preservation form included in this data package. Otherwise, the samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Volatile Organic Compounds by EPA Method 8260B

Toluene was detected in sample MW-14R outside the calibration range of the instrument and is flagged with an "E". The sample was reanalyzed at dilution and the compound has been re-flagged with a "D", demonstrating that it is now within the calibration range of the instrument. Both sets of data are reported.

Hits between the MDL and PQL are flagged with a "J" as estimated.

No analytical or quality control problems were encountered during analysis.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature:

Approved by _____ **Date** 12/14/06

CASE NARRATIVE – PAGE 1 of 2

COMPANY: Stern Properties
Soil Removal IRM 320 N. Goodman Street #041105
SUBMISSION #: R2525779

Stern samples were collected on 4/12-15/05 and received at CAS on 4/19/05 in good condition.

INORGANICS

Four soil samples were analyzed for a site specific list of inorganic parameters. Please see attached data pages for method numbers.

Site specific QC was not requested for these samples. All Blank spike recoveries were within limits.

No other analytical or QC problems were encountered.

VOLATILE ORGANICS

Thirty nine soil samples were analyzed for the STARS list of Volatiles by method 8021B from SW-846. Four soil samples were analyzed for the TCL list of Volatiles by method 8260B from SW-846.

Hits between the MDL and PQL cannot be reported due to software conflicts with the older data.

All tuning criteria for BFB were met.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within acceptance limits for all samples.

Site specific QC was performed on sample STOCKPILE 4 for 8260B and EX.4 BOTTOM (15.0FT) for 8021B. All Matrix Spike (MS) and Matrix Spike Duplicates (MDS) meet acceptance criteria. All Relative Percent Differences (RPD) between the MS/MSD meet acceptance criteria. All Blank Spike recoveries were within limits.
The Laboratory Blanks associated with these analyses were free of contamination.

All samples were analyzed within recommended holding times.

No other analytical or QC problems were encountered.

SEMIVOLATILE ORGANICS

Four soil samples were analyzed for the TCL list of Semivolatiles by method 8270C.

Hits between the MDL and PQL cannot be reported due to software conflicts with the older data.

All tuning criteria for DFTPP were met.

All the initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits.

All surrogate standard recoveries were within limits.

Site specific QC was not requested for these samples. All Blank Spike/Blank Spike duplicate recoveries were within limits. All RPD's were within limits.

The Laboratory Blank associated with these analyses was free of contamination.

No other analytical or QC problems were encountered.

PESTICIDES/PCB'S

Four soil samples were analyzed for Pesticides/PCB's by methods 8081/8082 from SW-846.

All the initial and continuing calibration criteria were met for all analytes.

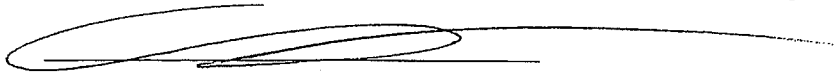
All surrogate standard recoveries were within limits.

Site specific QC was not requested for these samples. All Blank Spike/Blank Spike Duplicate recoveries were within limits with the exception on 4,4'-DDD and Methoxychlor for the Blank Spike and Heptachlor Epoxide, 4,4'-DDD and Methoxychlor for the Blank Spike Duplicate for the 8081 analysis. No data was affected. All RPD's were within limits, except for Aldrin, Gamma-BHC, and Heptachlor for the 8081 analysis and are flagged with an "*".

The Laboratory Blank associated with these analyses was free of contamination.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature:



Cooler Receipt And Preservation Check Form

Project/Client Stern Properties Submission Number R2525779.

Cooler received on 4-19-05 by: KE COURIER: (CAS) UPS FEDEX CD&L CLIENT

1.	Were custody seals on outside of cooler?			YES	(NO)	
2.	Were custody papers properly filled out (ink, signed, etc.)?			(YES)	NO	
3.	Did all bottles arrive in good condition (unbroken)?			(YES)	NO	
4.	Did any VOA vials have significant air bubbles?			YES	NO	(N/A)
5.	Were **Ice** or **Ice packs** present?			YES	(NO)	
6.	Where did the bottles originate?			(CAS/ROC,)	CLIENT	
7.	Temperature of cooler(s) upon receipt:	15°	____	____	____	____
	Is the temperature within 0° - 6° C?:	Yes	Yes	Yes	Yes	Yes
	If No, Explain Below	(No)	No	No	No	No

Date/Time Temperatures Taken: 4-19-05 @ 9:35

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples ____

Cooler Breakdown: Date: 4/19/05 by: cmk

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: ____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
Residual Chlorine (+/-)	for TCN & Phenol					
5-9**	P/PCBs (608 only)					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH ____

**If pH adjustment is required, use NaOH and/or H_2SO_4.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

Other Comments:

From: "Carlton Beechler" <cbeechler@caslab.com>
To: <chemworld@comcast.net>
Subject: RE: Stern R2525809 / R2525779
Date: Monday, January 21, 2008 4:19:44 PM

I do have her telephone log…there is no mention of temperature issues with those samples.

From: chemworld@comcast.net [mailto:chemworld@comcast.net]
Sent: Monday, January 21, 2008 4:08 PM
To: Carlton Beechler
Cc: cstiles@labellapc.com; dnoll@labellapc.com; kmiller@labellapc.com
Subject: Re: Stern R2525809 / R2525779

Hi, Thank you very much for responding immediately to my request regarding the missing Inital Calibration Summary and the documentation for temperature receipt and client notification. I assume you did not find a telephone log or anything else regarding the temperature.

I appreciate your effort. Andrea S.

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.
14 Orchard Way North
Rockville, MD 20854
301-294-6144 Phone and FAX
Email chemworld@comcast.net

ChemWorld Environmental, Inc.

Woman-Owned Small Business Enterprise
Celebrating 17 Years of Quality Service

---------- Original message ----------
From: "Carlton Beechler" <cbeechler@caslab.com>
Hi Andrea,

Please find attached the % RSD info you requested.

I cannot find any documentation in either package regarding the receipt temperature.

Let me know if there is anything else you need.

Carl

****
Carlton R. Beechler

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Stern Properties	**Service Request No.:**	R2525809
Project:	Soil Removal 320 N Goodman	**Date Received:**	4/21/2005
Sample Matrix:	Soil		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV, CLP deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Four soil samples were received for analysis at Columbia Analytical Services on 4/21/2005. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

General Chemistry Parameters

No analytical or quality control problems were encountered during analysis.

Volatile Organic Compounds by EPA Method 8021B

No analytical or quality control problems were encountered during analysis.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature:

Approved by _____ **Date** 9/28/05

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SR #

CAS Contact

Project Name: 320 N. Goodman	Project Number: 206101
Project Manager: Gary Stern (LaBella) Dennis Porter 454-6110	Report CC: Dennis Porter (LaBella)
Company/Address: The Gary & Marcia Stern Family Limited Partnership 274 North Goodman Rochester, NY 14607	
Phone #: 442-9061	FAX#: 760-7394
Sampler's Signature: Craig J Co Stiles	Sampler's Printed Name: CRAIG STILES

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's 8260 ☐ 624 ☐ CLP STARS	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
MW-14R	959482	10/27/06	1140	Water	3	X							
MW-15R	959483	↓	1200		3	X							
MW-16R	959484		1154		3	X							
MW-17R	959485		1146		3	X							
Trip Blank	959486	↓	0930		3	X							

Per call to client 11/29/06

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals Copy data package to:
Mr. Dennis Porter c/o LaBella Associates
300 State St
Rochester, NY 14614

Collection date is 11/27/06 per call to client

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
X IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: 12634922

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Craig J Co Stiles	Signature: Rachel Jones	Signature	Signature	Signature	Signature
Printed Name: CRAIG A. STILES	Printed Name: Rachel Jones	Printed Name	Printed Name	Printed Name	Printed Name
Firm: LaBella Assoc	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 11/27/06 @ 1705	Date/Time: 11/27/06 1705	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

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SR #

CAS Contact

Project Name: Oil Terminal ITEM 320 North Goodman St. | Project Number: 041105

Project Manager: Gary Stern | Report CC:

Company/Address: Stern Properties, 274 North Goodman Street, Rochester NY

Phone #: (585) 442-9061 | FAX#:

Sampler's Signature: [signature] GeoQuest Env. | Sampler's Printed Name: Stephen DeMeo GeoQuest Env.

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's 8260 ☐ 624 ☐ CLP	GC/MS SVOA's 8270 ☐ 625 ☐ CLP	GC VOA's 8021 ☐ 601/602	PESTICIDES 8081 ☐ 608 ☐ CLP	PCB's 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	USE Stockpile Sheet	REMARKS/ ALTERNATE DESCRIPTION
SWN EX.4 (7.0-7.5ft)	806850	4/13/05	1545	Soil	1								X	
Stockpile 1	51	4/12/05	1010	Soil	2	X	X		X	X	X			
Stockpile 2	52	4/12/05	1015	Soil	2	X	X		X	X	X			
Stockpile 3	53	4/12/05	1020	Soil	2	X	X		X	X	X			
Stockpile 4	806854	4/12/05	1030	Soil	2	X	X		X	X	X			

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals

Bottles for EX 3 Bottom 10.0 Ft, 4/13/05, 1355 but not on COC. Addit for 8021 per Mark Wilson. Add 4/19/05

Lorder # 807028

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2525779

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: [signature]	Signature: [signature]	Signature: [signature]	Signature: [signature]	Signature	Signature
Printed Name: Stephen DeMeo	Printed Name: Mark Wilson	Printed Name: Mark Watra	Printed Name: Gregory O. Esmenian	Printed Name	Printed Name
Firm: GeoQuest Env.	Firm: CAS	Firm: CAS	Firm: CAS	Firm	Firm
Date/Time: 4/19/05 910A	Date/Time: 4/19/05 910A	Date/Time: 4/19/05 0930	Date/Time: 4-19-05 9:20 9:30 4-19-05	Date/Time	Date/Time

SCOC-1102-08

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SR #

CAS Contact

Project Name: Soil Removal TRM 320 North Goodman St. | Project Number: 041105

Project Manager: Gary Stern | Report CC:

Company/Address: Stern Properties, 274 North Goodman Street, Rochester NY

Phone #: (585) 442-9061 | FAX#:

Sampler's Signature: [signature] GeoQuest Env. | Sampler's Printed Name: Stephen DeWan GeoQuest Env.

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

Preservative Key: 0. NONE; 1. HCL; 2. HNO_3; 3. H_2SO_4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. $NaHSO_4$; 8. Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	4 SEPARATE STRIPS	REMARKS/ ALTERNATE DESCRIPTION
EX.2 Bottom (3.0ft.)	806855	4/12/05	1230	Soil	1								X	
SWN EX.2 (2.5-3.0ft.)	56	4/12/05	1235	Soil	1								X	
SWW EX.2 (2.5-3.0ft.)	57	4/12/05	1240	Soil	1								X	
SWE EX.2 (2.5-3.0ft.)	58	4/12/05	1245	Soil	1								X	
SWS EX.2 (2.5-3.0ft.)	59	4/12/05	1250	Soil	1								X	
EX.1 Bottom (15.0ft.)	60	4/12/05	1510	Soil	1								X	
SWE EX.1 (10.0-10.5ft.)	61	4/12/05	1530	Soil	1								X	
SWW EX.1 (8.0-8.5ft.)	62	4/12/05	1540	Soil	1								X	
SWN EX.1 (7.0-7.5ft.)	63	4/12/05	1545	Soil	1								X	
SWS EX.1 (7.0-7.5ft.)	806864	4/12/05	1555	Soil	1								X	

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
_____ STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2525779

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature [signature]	Signature [signature]	Signature [signature]	Signature [signature]	Signature	Signature
Printed Name Stephen DeWan	Printed Name Marc Wilson	Printed Name Marc Wilson	Printed Name Gregory O. Emerian	Printed Name	Printed Name
Firm GeoQuest Env.	Firm CAS	Firm CAS	Firm CAS	Firm	Firm
Date/Time 0910 4/19/05	Date/Time 4/19/05 0910	Date/Time 4/19/05 0921	Date/Time 4-19-05 9:30	Date/Time	Date/Time

SCOC-1102-08

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SR #

CAS Contact

Project Name: Soil Removal IRM 320 North Goodman St
Project Number: 041105
Project Manager: Gary Stern
Report CC:
Company/Address: Stern Properties, 274 North Goodman Street, Rochester NY
Phone #: (585) 442-9061
FAX#:
Sampler's Signature: GeoQuest Env.
Sampler's Printed Name: Stephen DeMeo GeoQuest Env.

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	USEPA RCRA 8 METALS								REMARKS/ ALTERNATE DESCRIPTION
SWS EX.3 (8.0-8.5ft.)	806865	4/13/05	1300	Soil	1								X								
SWE EX.3 (8.0-9.0ft.)	66	4/13/05	1310	Soil	1								X								
SWW EX.3 (8.0-9.0ft.)	67	4/13/05	1315	Soil	1								X								
SWN EX.3 (8.0-9.0ft.)	68	4/13/05	1330	Soil	1								X								
EX.1 Backfill	69	4/12/05	1600	Soil	1								X								
EX.3 Backfill	70	4/13/05	1400	Soil	1								X								
SWW EX.4 (12.0-13.0ft.)	71	4/13/05	1530	Soil	1								X								
SWE EX.4 (10.0-10.5ft.)	72	4/13/05	1525	Soil	1								X								
EX.4 Bottom (15.0ft.)	73	4/13/05	1610	Soil	1								X								
SWS EX.4 (14.0-14.5ft.)	806874	4/13/05	1540	Soil	1								X								

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2525779

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Stephen DeMeo	Printed Name: Mark Wilson	Printed Name: Mark Wilson	Printed Name: Gregory O. Esmerian	Printed Name	Printed Name
Firm: GeoQuest Env.	Firm: CAS	Firm: CAS	Firm: CAS	Firm	Firm
Date/Time	Date/Time: 4/14/05 0910	Date/Time: 4/14/05 0930	Date/Time: 4-19-05 9:30	Date/Time	Date/Time

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services INC.
An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 4 OF 5

SR #

CAS Contact

Project Name: Soil Removal IRM 320N. Goodman St
Project Number: 041105
Project Manager: Gary Stern
Report CC:
Company/Address: Stern Properties, 274 North Goodman Street, Rochester NY
Phone #: (585) 442-9064
FAX#:
Sampler's Signature: [signature] GeoQuest Env.
Sampler's Printed Name: Stephen DeMeo (GeoQuest Env.)

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	EPA 8021 STARS							REMARKS/ ALTERNATE DESCRIPTION
SWNEX.5(7.0-7.5ft.)	806875	4/14/05	1115	Soil	2								X							
SWEEX.5(10.0-10.5ft.)	76	4/14/05	1125	Soil	2								X							
SWWEX.5(6.0-6.5ft.)	77	4/14/05	1135	Soil	2								X							
SWSEX.5(9.0-9.5ft.)	78	4/14/05	1110	Soil	2								X							
EX.5 Bottom (15.0ft.)	79	4/14/05	1120	Soil	2								X							
SWNEX.6(5.0-5.5ft.)	80	4/14/05	1155	Soil	2								X							
SWSEX.6(4.5-5.0ft.)	81	4/14/05	1335	Soil	2								X							
SWEEX.6(6.0-6.5ft.)	82	4/14/05	1330	Soil	2								X							
SWWEX.6(6.5-7.0ft.)	83	4/14/05	1339	Soil	2								X							
EX.6 Bottom (7.0ft.)	806884	4/14/05	1400	Soil	2								X							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other Chill

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2525779

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature [signature]	Signature [signature]	Signature [signature]	Signature [signature]	Signature	Signature
Printed Name Stephen DeMeo	Printed Name Mark Wilson	Printed Name Mark Wilson	Printed Name Gregory O. Esmerian	Printed Name	Printed Name
Firm GeoQuest Env.	Firm CAS	Firm CAS	Firm CAS	Firm	Firm
Date/Time 4/14/05 1515	Date/Time 4/14/05 0910	Date/Time 4/19/05 0936	Date/Time 4-19-05 9:30	Date/Time	Date/Time

SCOC-1102-08

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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SR #

CAS Contact

Project Name: Soil Removal IRM 320 N. Goodman St.	Project Number: 041105
Project Manager: Gary Stern	Report CC:
Company/Address: Stern Properties, 274 North Goodman street, Rochester NY	
Phone #: (585) 442-9061	FAX#:
Sampler's Signature: GeoQuest Env.	Sampler's Printed Name: Stephen DeMeo GeoQuest Env.

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	EPA 8021 STARS	REMARKS/ ALTERNATE DESCRIPTION
EX.7 Bottom (15.0ft.)	806885	4/15/05	1400	Soil	2								X	
SW EX.7 (10.0-10.5ft.)	888	4/15/05	1355	Soil	2								X	
SWE EX.7 (12.0-12.5ft.)	890	4/15/05	1350	Soil	2								X	
SWS EX.7 (5.0-5.5ft.)	891	4/15/05	1345	Soil	2								X	
SWN EX.7 (7.5-8.0ft.)	892	4/15/05	1340	Soil	2								X	
EX.8 Bottom (12.0ft.)	893	4/18/05	1400	Soil	2								X	
EX.5 Backfill	894	4/14/05	1200	Soil	2								X	
EX.7 Backfill	806895	4/15/05	1410	Soil	2								X	

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other Chill

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
____ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R252579

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Stephen DeMeo	Printed Name: Mark Wilson	Printed Name: Mark Wilson	Printed Name: Gregory O. Esmerian	Printed Name	Printed Name
Firm: GeoQuest Env.	Firm: CAS	Firm: CAS	Firm: CAS	Firm	Firm
Date/Time	Date/Time: 4/19/05 0910	Date/Time: 4/19/05 0936	Date/Time: 4-19-05 9:30	Date/Time	Date/Time

SCOC-1102-08

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PAGE 1 OF 1

SR #

CAS Contact

Project Name: Soil Removal IRM 320 N. Goodman St.
Project Number: 041105
Project Manager:
Report CC:
Company/Address: Stern Properties
274 North Goodman Street
Rochester, New York
Phone #: (585) 442-0961
FAX#:
Sampler's Signature: (GeoQuest Env.)
Sampler's Printed Name: Stephen J. DeMeo (GeoQuest Env.)

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	US EPA 8270 LIST							REMARKS/ ALTERNATE DESCRIPTION
SWNWEX.8(8.0-8.5ft.)	807470	4/20/05	1339	Soil	2								X							
SWWEX.8(7.0-7.5ft.)	807471	4/20/05	1350	Soil	2								X							
SWNEX.8(12.0-12.5ft.)	807472	4/20/05	1355	Soil	2								X							
SWSEX.8(9.0-9.5ft.)	807473	4/20/05	1345	Soil	2								X							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other Chill

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
___ RUSH (SURCHARGES APPLY)
___ 24 hr ___ 48 hr ___ 5 day
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
X I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
___ V. Specialized Forms / Custom Report
Edata ___ Yes ___ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2525809

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Stephen DeMeo	Printed Name: Heather Lavigne	Printed Name	Printed Name	Printed Name	Printed Name
Firm: GeoQuest Env.	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 4/21/05 0855	Date/Time: 4/21/05 855	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

CW CHEMWORLD ENVIRONMENTAL, INC.
Environmental Consulting Services

April 15, 2008

Mr. Craig A. Stiles, P.G.
Environmental Geologist
LaBella Associates, P.C.
300 State Street
Suite 201
Rochester, New York 14614

RE: Data Usability Summary Report (DUSR) #3
320 N. Goodman Project
Columbia Analytical Services, Inc., Rochester, NY
Submission / Lab Job No. R2633114
Water Samples
Analyses for Volatile Organics, Semi-Volatiles (Base/Neutral Extractable Organics, only), Polychlorinated Biphenyls (PCB's) and Inorganics (Metals)

Dear Mr. Stiles:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the 320 N. Goodman Project for the water sampling event of August 9, 2006. The DUSR review was performed in accordance with United States Environmental Protection Agency (USEPA) Region II data validation guidelines and New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocol (ASP) requirements, where applicable.

The analytical data from Lab Job No. R2633114 was reviewed (screened) for the parameters above. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Result Forms are included as Attachment A. These Forms include data qualifiers as described within this letter report. Unless otherwise noted, all results included on the Forms are considered usable, based upon the DUSR review items noted below. Attachment B includes copies of the associated Case Narratives and the Chain-of-Custody forms.

The DUSR review items include the following, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Review
- Holding Times from Verified Time of Sample Receipt (VTSR) for Waters
- Surrogate Recovery
- GC/MS Instrument Performance Check
- Initial and Continuing Calibration
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blank (MSB) or Laboratory Control Sample (LCS)
- Internal Standards
- Method and Field Blanks
- CRDL Standards for ICP
- Laboratory Duplicate Samples
- ICP Interference Check
- ICP Serial Dilutions

The QC Summary Forms included various deviations based upon the acceptable limits for quality control. The following should be noted regarding qualification of the data set for the review items above.

14 Orchard Way North, Rockville, Maryland 20854, Tel. 301-294-6144, Fax 301-309-6640

Volatiles – Water, Lab Job No. R2633114

Qualification of the data set was not required for the Volatile analyses. The associated quality control information was found to be acceptable.

Semi-Volatiles (Base/Neutrals, only) – Waters, Lab Job No. R2633114

Qualification of the data set was not required for the Semi-Volatile analyses. The associated quality control information was found to be acceptable.

PCB's – Waters, Lab Job No. R2633114

Holding Times: Sample MW-18 was extracted 1 day beyond the acceptable NYSDEC holding time of 5 days from VTSR. This sample was qualified as 'UJ', estimated, for the non-detectable results for PCB's. Positive results were not detected.

Surrogate Recovery: Sample MW-18 generated low surrogate recovery for DCB at 12% and TCX at 43% (Limit 60-150). The sample was qualified as 'UJ', estimated, for the non-detectable results for PCB's. Positive results were not detected.

Inorganics (Metals) – Waters, Lab Job No. R2633114

Qualification of the data set was not required for the Inorganic analyses. The associated quality control information was found to be acceptable.

Quality Control Samples: It should be noted that a site-specific Matrix Spike Sample and Laboratory Duplicate Sample were not analyzed for the 1 water sample. In addition, the laboratory did not include batch samples for these QC samples.

Please contact me by telephone or Fax at 301-294-6144, should you require additional information or clarification regarding this Letter Report.

Sincerely,

Andrea P. Schuessler

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.

c: LB-2007.14 file

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

INORGANIC DATA QUALIFIERS

U - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.

B - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.

J - The reported value is estimated due to variance from quality control limits.

UJ - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.

E - Reported value is estimated because of the presence of interference.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not analyzed.

ATTACHMENT A

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-18

Date Sampled : 08/09/06 10:20 **Order #:** 928392 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133617

DATE ANALYZED : 08/10/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-18

Date Sampled : 08/09/06 10:20 **Order #:** 928392 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133617

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 08/10/06				
ANALYTICAL DILUTION: 1.00				
M+P-XYLENE		5.0	5.0 U	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(80 - 123 %)		109	%
TOLUENE-D8	(88 - 124 %)		105	%
DIBROMOFLUOROMETHANE	(91 - 115 %)		103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-14R

Date Sampled : 08/09/06 11:05 **Order #:** 928394 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133630

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/10/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.2 J	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	35	UG/L
ISOPROPYL BENZENE	5.0	32	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	4.8 J	UG/L
TOLUENE	5.0	450 E	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	2.9 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	34	UG/L
M+P-XYLENE	5.0	180	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	108	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(91 - 115 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-14R

Date Sampled : 08/09/06 11:05 **Order #:** 928394 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133630

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/11/06			
ANALYTICAL DILUTION: 4.00			
BENZENE	1.0	4.0 U	UG/L
N-BUTYLBENZENE	5.0	20 U	UG/L
SEC-BUTYLBENZENE	5.0	20 U	UG/L
TERT-BUTYLBENZENE	5.0	20 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	20 U	UG/L
ETHYLBENZENE	5.0	32	UG/L
ISOPROPYL BENZENE	5.0	32	UG/L
P-ISOPROPYLTOLUENE	5.0	20 U	UG/L
NAPHTHALENE	5.0	20 U	UG/L
N-PROPYLBENZENE	5.0	5.4 J	UG/L
TOLUENE	5.0	520 D	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	20 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	20 U	UG/L
O-XYLENE	5.0	33	UG/L
M+P-XYLENE	5.0	190	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	110	%
TOLUENE-D8	(88 - 124 %)	104	%
DIBROMOFLUOROMETHANE	(91 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-17R

Date Sampled : 08/09/06 11:32 **Order #:** 928395 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133617

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/10/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	2.2 J	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	0.89 J	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	105	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(91 - 115 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-15R

Date Sampled : 08/09/06 12:00 **Order #:** 928396 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133630

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/11/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	2.9 J	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	1.3 J	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	9.1	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
N-PROPYLBENZENE	5.0	10	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	3.1 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	1.8 J	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	2.1 J	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	111	%
TOLUENE-D8	(88 - 124 %)	108	%
DIBROMOFLUOROMETHANE	(91 - 115 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TANK LIST
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-16R

Date Sampled: 08/09/06 12:28 **Order #:** 928397 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133630

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/11/06			
ANALYTICAL DILUTION: 1.00			
BENZENE	1.0	1.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	2.1 J	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	1.1 J	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(91 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : TRIP BLANK

Date Sampled : 08/09/06 09:09 **Order #:** 928398 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133617

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/10/06			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	23	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : TRIP BLANK

Date Sampled : 08/09/06 09:09 **Order #:** 928398 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133617

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/10/06			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	107	%
TOLUENE-D8	(88 - 124 %)	105	%
DIBROMOFLUOROMETHANE	(91 - 115 %)	100	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-18

Date Sampled : 08/09/06 10:20 **Order #:** 928392 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133739

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 08/10/06			
DATE ANALYZED : 08/21/06			
ANALYTICAL DILUTION: 1.05			
ACENAPHTHENE	10	11 U	UG/L
ANTHRACENE	10	11 U	UG/L
BENZO(A)ANTHRACENE	10	11 U	UG/L
BENZO(A)PYRENE	10	11 U	UG/L
BENZO(B)FLUORANTHENE	10	11 U	UG/L
BENZO(G,H,I)PERYLENE	10	11 U	UG/L
BENZO(K)FLUORANTHENE	10	11 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	11 U	UG/L
CHRYSENE	10	11 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	11 U	UG/L
FLUORANTHENE	10	11 U	UG/L
FLUORENE	10	11 U	UG/L
NAPHTHALENE	10	11 U	UG/L
PHENANTHRENE	10	11 U	UG/L
PYRENE	10	11 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	60	%
NITROBENZENE-d5	(38 - 105 %)	83	%
2-FLUOROBIPHENYL	(38 - 100 %)	82	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8082 PCB'S
Reported: 09/05/06

Stern Properties
Project Reference: 320 N. GOODMAN PROJECT# 206101
Client Sample ID : MW-18

Date Sampled : 08/09/06 10:20 **Order #:** 928392 **Sample Matrix:** WATER
Date Received: 08/09/06 **Submission #:** R2633114 **Analytical Run** 133816

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 08/15/06			
DATE ANALYZED : 08/21/06			
ANALYTICAL DILUTION: 1.00			
PCB 1016	1.0	1.0 U J	UG/L
PCB 1221	2.0	2.0 U	UG/L
PCB 1232	1.0	1.0 U	UG/L
PCB 1242	1.0	1.0 U	UG/L
PCB 1248	1.0	1.0 U	UG/L
PCB 1254	1.0	1.0 U	UG/L
PCB 1260	1.0	1.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS	(NYSDEC)		
DECACHLOROBIPHENYL	(10 - 144 %)	60-150	12 *	%
TETRACHLORO-META-XYLENE	(28 - 119 %)	60-150	43 *	%

Columbia Analytical Services

METALS
-1-
INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.
MW-18

ontract: R2633114

ab Code: Case No.: SAS No.: SDG NO.: 928392

atrix (soil/water): WATER Lab Sample ID: 928393

evel (low/med): LOW Date Received: 08/09/06

Concentration Units (ug/L or mg/kg dry weight): µG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	10.0	U		P
7440-39-3	Barium	72.0			P
7440-43-9	Cadmium	5.0	U		P
7440-47-3	Chromium	10.0	U		P
7439-92-1	Lead	5.0	U		P
7439-97-6	Mercury	0.20	U		CV
7782-49-2	Selenium	10.0	U		P
7440-22-4	Silver	10.0	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

ATTACHMENT B

COLUMBIA ANALYTICAL SERVICES, INC.

R2633114

Client:	Stern Properties	**Service Request No.:**	R2633144
Project:	320 N. Goodman Project# 206101	**Date Received:**	8/9/06
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV, CLP deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Seven water samples were received for analysis at Columbia Analytical Services (CAS) on 8/9/06. The samples were received in good condition and consistent with the accompanying chain of custody form. The dissolved metals sample was filtered upon receipt at CAS. The samples were stored in a refrigerator between 1°C and 6°C upon receipt at the laboratory.

Dissolved Metals

No analytical or quality control problems were encountered during analysis.

PCB Aroclors by EPA Method 8082

No analytical or quality control problems were encountered during analysis.

Volatile Organic Compounds by EPA Method 8260B

Toluene was detected in sample MW-14R outside the calibration range of the instrument and is flagged with an "E". The sample was reanalyzed at dilution and the compound has been re-flagged with a "D", demonstrating that it is now within the calibration range of the instrument. Both sets of data are reported.

Hits between the MDL and PQL are flagged with a "J" as estimated.

No analytical or quality control problems were encountered during analysis.

Semivolatile Organic Compounds by EPA Method 8270C

No analytical or quality control problems were encountered during analysis.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature:

Approved by _____ **Date** 9-2-06

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services INC.
An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 1

SR #

CAS Contact

Project Name: 320 N. GOODMAN	Project Number: 206101
Project Manager: MR. GARY STERN	Report CC: DENNIS PORTER LABELLA ASSOC
Company/Address: THE GARY & MARCIA STERN FAMILY LIMITED PARTNERSHIP 274 N. GOODMAN ST ROCHESTER, NY 14607	
Phone #: 442-9061	FAX#: 760-2394
Sampler's Signature: Craig A. Stiles	Sampler's Printed Name: CRAIG A. STILES

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	1	0			0		0	1							REMARKS/ ALTERNATE DESCRIPTION-
							GC/MS VOA's ☒ 8260 ☐ 624 ☐ CLP STARS ONLY	GC/MS SVOA's ☒ 8270 ☐ 625 ☐ CLP STARS ONLY	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☒ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	8260 TCL + STARS RCRA							
MW-18	928392/928393	8/9/06	1020	GW	6			1			1		1	3							
MW-14R	928394		1105		3	3															
MW-17R	928395		1132		3	3															
MW-15R	928396		1200		3	3															
MW-16R	928397		1228		3	3															
TRIP BLANK	928398	↓	0909	↓	3									3							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals – TO BE FILTERED BY LAB

CATAGORY B DELIVERABLES

Cc RPT TO: LA BELLA ASSOC
ATTN: DENNIS PORTER
300 STATE ST. SUITE 201
ROCHESTER, NY 14614
FAX: 454-3066 PHONE 454-6110

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
X STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
X IV. Data Validation Report with Raw Data
_____ V. Specialized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO: The Gary & Marcia Stern Family Limited Partnership
SUBMISSION #: R2633114

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Craig A. Stiles	Signature: Rachel Jones	Signature	Signature	Signature	Signature
Printed Name: CRAIG A. STILES	Printed Name: Rachel Jones	Printed Name	Printed Name	Printed Name	Printed Name
Firm: LABELLA ASSOC	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 8/9/06 @ 1257	Date/Time: 8/9/06 1257	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Data Usability Summary Report

Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

Stern Bio-Cell
Columbia Analytical Services #R2845629
SDG# BC8-08-1
January 22, 2008

Prepared by

Jodi Zimmerman, B.S.
Owner
Vali-Data of WNY, LLC
1514 Davis Rd.
West Falls, NY 14170

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LaBella Associates at Stern Properties, Stern Bio-Cell, Columbia Analytical Services #R2845629, SDG ID#BC8-08-1, submitted to Vali-Data of WNY, LLC on January 30, 2009. The laboratory performed the analyses using USEPA methods, 8260 (TCL Volatile Organics), 8270 (TCL Semi-Volitile Organics) and RCRA Metals methods 6010B, 7471 and 7470.

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable except where qualified below in the Compound Quantitation.

DATA COMPLETENESS

All criteria were met except the date in a page of the injection log was cut off upon copying. A revised copy is attached.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.

CHAIN-OF CUSTODY AND TRAFFIC REPORTS

All criteria were met except samples were received at 15°C.

HOLDING TIMES

All holding times for the samples were met.

INTERNAL STANDARD (IS)

The IS did meet criteria. .

SURROGATE SPIKE RECOVERIES

Surrogate recoveries were acceptable.

METHOD BLANK

All the criteria were met except Carbon Disulfide and Bromomethane were detected above the MDL and below the reporting limit in the water Method Blank. The associated sample was qualified for Carbon Disulfide, however, Bromomethane was not detected in the sample. Acetone and 2-Butanone were detected above the MDL and below the reporting limit in the Method Blank for the soil samples. Associated samples have been qualified for Acetone. 2-Butanone was not detected above the MDL in any sample.

FIELD DUPLICATE SAMPLE PRECISION

No field duplicate was performed.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

All criteria were met except in samples BC-8-08-1, BC-8-08-9 and BC-8-08-7, 2-Hexanone was detected above the MDL, .640, 1.50 and .670 ug/kg respectively, below the reporting limit and should be qualified as estimated. In sample BC-8-08-2, 2 Hexanone was detected above the reporting limit at a value of 72.0ug/kg. In samples BC-8-08-9 and BC-8-08-2, 1,1,2-Trichloroethane was detected above the MDL, .430 and .840 ug/kg respectively, below the reporting limit and should be qualified as estimated. Bromodichloromethane was detected at .480 ug/kg which was above the MDL, below the reporting limit and should be qualified as estimated in sample BC-8-08-2. In samples BC-8-08-2 and the trip blank 4-Methyl-2-Pentanone was detected above the MDL, 3.2 and .740 ug /kg respectively, below the reporting limit and should be qualified as estimated. Columbia Analytical Services does not believe these analytes to be present. No supporting data was included in the package.

INITIAL CALIBRATION
All criteria were met. Linear regression was used to calibrate Acetone and Bromomethane in the initial calibration for the water matrix

CONTINUING CALIBRATION
All criteria were met except the %D for Acetone was outside the QC limits of 20%. Acetone is already qualified as explained in the Method Blank, above.

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

Overall the data are usable.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN-OF CUSTODY AND TRAFFIC REPORTS
All criteria were met. (see COC and Traffic Reports above)

HOLDING TIMES
All holding times for the samples were met.

INTERNAL STANDARD (IS)
The IS did meet criteria for all samples.

SURROGATE SPIKE RECOVERIES
Surrogate recoveries were acceptable.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was performed.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No sample MS/MSD were performed.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

RCRA METALS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Duplicate
- Serial Dilution
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
Overall the data are acceptable.

DATA COMPLETENESS
All criteria were met.

NARATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All criteria were met.

METHOD BLANK
All criteria were met except.

LABORATORY CONTROL SAMPLE
All criteria were met.

MS/MSD
No MS/MSD were performed.

DUPLICATE
No Duplicate was performed.

SERIAL DILUTIONS
All criteria were met except.

COMPOUND QUANITATION
All criteria were met.

CALIBRATION
All criteria were met.

MERCURY

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain-of-Custody and Traffic Reports
- Holding Times
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Calibration

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN-OF-CUSTODY
All criteria were met.

HOLDING TIMES
All criteria were met.

METHOD BLANK

All criteria were met.

LABORATORY CONTROL SAMPLES

All criteria were met.

MS/MSD

No MS/MSD were performed.

COMPOUND QUANTITATION

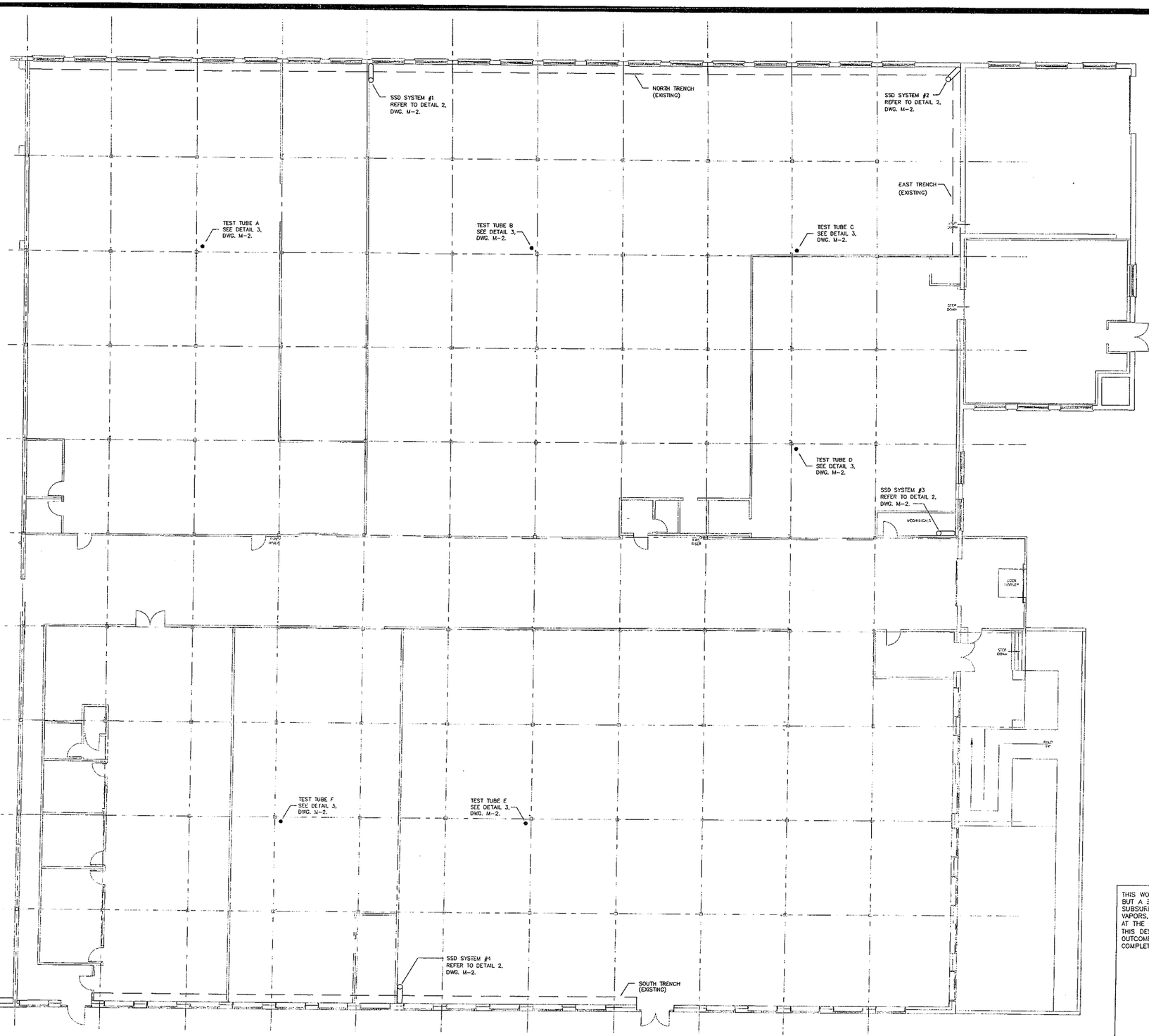
All criteria were met.

CALIBRATION

All criteria were met.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix F



1 / M-1 FLOOR PLAN
SCALE: 1/8"=1'-0"

THIS WORK IS NOT CONSIDERED TO BE A REMEDIATION BUT A STEP TOWARD MINIMIZING INFILTRATION OF SUBSURFACE VAPORS INTO THE BUILDING. SUBSURFACE VAPORS, IF PRESENT, WOULD LIKELY BE CONCENTRATED AT THE EAST END OF THE BUILDING.
THIS DESIGN IS NOT A GUARANTEE OF ANY PARTICULAR OUTCOME AND ADDITIONAL STEPS MAY BE CONSIDERED AFTER COMPLETION OF THE PRESSURE FIELD EXTENSION TEST.

WYFFELS ENGINEERING, PLLC
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SUITE 410B
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PHONE: 585.454.4610
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Drawings Alteration:
The following is an excerpt from the New York Education Law Article 145 Section 7209 and applies to this drawing:
It is a violation of this law for any person, unless he is acting under the direct supervision of A licensed architect or a licensed professional engineer to alter an item in any way. If an item bearing the seal of an architect or engineer is altered, the altering architect or engineer shall affix his seal and the notation "ALTERED BY" followed by his signature and date of such alteration and a specific description of the alteration.

CLIENT:
STERN PROPERTIES
274 N. GOODMAN STREET
ROCHESTER, NY

PROJECT:
320 N. GOODMAN STREET
ROCHESTER, NY

DRAWING REVISIONS:

MARK:	DATE:	DESCRIPTION:

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DRAWN:	PM:	CHECKED:
AW	AW	AW
	DATE: 10-25-05	

SHEET TITLE:
SUB SLAB DEPRESSURIZATION SYSTEMS

PROJECT NUMBER
100-05

SHEET NUMBER
M-1

SPECIFICATIONS

1. Contractor to include Local, State, Federal taxes, permits and fees as applicable to this contract.

2. Contractor to guarantee his work for one (1) year from date of final acceptances and if during this time any defects in materials or workmanship should appear, they shall be corrected by this Contractor at his expense.

3. Contractor to furnish three (3) sets of typewritten and/or printed instruction on care and operation of equipment to Engineer for approval. Instructions to include list of routine maintenance instructions, parts lists, wiring diagrams and shop drawings listed indexed in hard cover in loose leaf binders. Instruct Owner's representative on the care and operation of the equipment and provide a letter stating to whom and when instructions were provided. Engineer will turn over instructions to owner.

4. Equivalents - Contractor to base bid on equipment specified. Contractor may attach to his proposal a separate sheet upon which is listed the products he desires to substitute with amount to be added or deducted from the base bid if such change is approved.

5. Installation to conform to the latest State codes.

6. Provide cutting and patching required for installation on all existing work and new work.

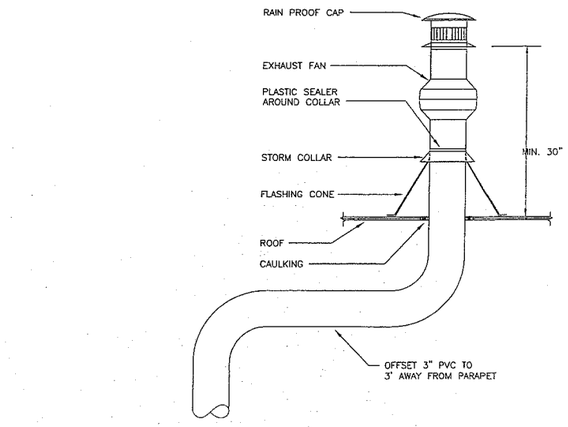
7. All rubbish and debris to be promptly removed and legally disposed of away from the premises.

8. Work Scope: Provide four complete, operational Sub Slab Depressurization Systems (SSD) as follows:

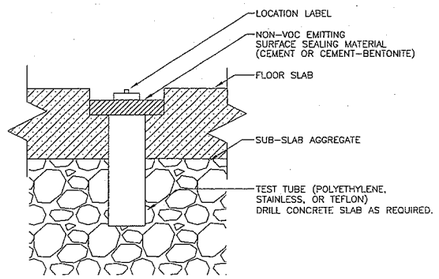
   a. The building owner will seal all slab cracks and joints with urethane caulk prior to commencing this work.
   b. The building owner will fill and patch all slab floor excavations, openings, pits, sumps, etc, prior to commencing this work.
   c. Furnish and install all equipment, labor, and material as shown on this plan.
   d. The building owner will provide cutting and patching of the roof.
   e. Furnish and install one vacuum indicator with alarm light for each SSD System.
   f. Caulk around base of each PVC suction pipe with Urethane Caulk.
   g. Provide power, and disconnect switch for each SSD System.
   h. Label panel breakers "SSD System – Do Not Turn Off".
   i. Label fans "Sub Slab Depressurization System". Labels shall be plastic laminate affixed to the fan directly or with a nylon tie.
   j. Label alarm light "Sub Slab Depressurization System Operational When Light Is On".
   k. Once system is operational, check all caulk seals with a smoke tube. Repair any leaks.
   l. Conduct a Pressure Field Extension Test between 30 and 90 days after system start-up. A certified EPA and NEHA testing agency must perform testing. Submit 3 copies of the certified test report to the building owner.

9. Pressure Field Extension Test:
   a. Recheck all caulk seals with a smoke tube.
   b. Provide permanent test tubes in the floor as indicated on the plan. Using a digital micromanometer, measure and record the negative pressure at each test tube. Identify each test tube by its identification number in the report.
   c. Check operation of the alarm lights by briefly turning each fan off. Note that each fan is operational and that each alarm light turned off upon fan shut down.

DISCHARGE STACK SHALL BE NO CLOSER THAN 10' FROM PARAPET WALLS OR OTHER BUILDING COMPONENT AND NO CLOSER THAN 30' FROM ROOFTOP HVAC EQUIPMENT.



2 / M-1 SSD SYSTEM DETAIL
SCALE: NOT TO SCALE
TYPICAL OF 4 SYSTEMS



3 / M-1 TEST TUBE DETAIL
SCALE: NOT TO SCALE
TYPICAL OF 6 TUBES

FAN SCHEDULE

NO.	SERVICE	CFM	SP INCHES W.C.	WATTS	INLET	MODEL NO.	POWER
F-1	NORTH TRENCH	10	4	70	3"	RADONWAY GP501	120/1/60
F-2	NORTH/EAST TRENCH	10	4	70	3"	RADONWAY GP501	120/1/60
F-3	EAST FOUNDATION	10	4	70	3"	RADONWAY GP501	120/1/60
F-4	SOUTH TRENCH	10	4	70	3"	RADONWAY GP501	120/1/60

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SHEET TITLE:
SUB SLAB DEPRESSURIZATION SYSTEMS

PROJECT NUMBER
100-05

SHEET NUMBER
M-2