

INTERIM REMEDIAL MEASURE REPORT

**14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK**

NYSDEC Spills #0070043 & #0070044

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1.0 INTRODUCTION

Day Environmental, Inc. (DAY) prepared this report summarizing an Interim Remedial Measure (IRM) that was implemented at the 14-60 Charlotte Street property, City of Rochester, County of Monroe, New York (Site). The location of the Site is shown on Figure 1 (Project Locus Map) and Figure 2 (Site Plan) that are included in Appendix A.

1.1 Background

A two-story vacant residential dwelling on the parcel addressed as 26 Charlotte Street, a former flammable storage shed on the parcel addressed as 28-30 Charlotte Street, and an approximately 1,800-square foot one-story vacant commercial concrete block garage located on the parcel addressed as 42 Charlotte Street were demolished in September 2001. The 48-60 Charlotte Street parcel is actively used as an open parking lot and the remainder of the Site is vacant or unused. The City of Rochester is the current owner of the Site.

Under current City of Rochester plans, the Site will be redeveloped for residential use. It is currently anticipated that the residential redevelopment will consist of construction of a condominium or apartment complex. The redevelopment will not include single family residences.

DAY previously completed various environmental studies at the Site and in the right-of-ways of Haags Alley and Charlotte Street (refer to Figure 3 included in Appendix A). These studies are summarized in reports prepared by DAY titled "Supplemental Phase II Environmental Studies, 14-60 Charlotte Street, Rochester, New York" dated November 2000 and "Supplemental Environmental Studies, 14-60 Charlotte Street, Rochester, New York" dated February 2001. These reports identified and documented the existence of soil and groundwater contamination at the Site and in the right-of-way of Haags Alley north of the Site. In addition, light non-aqueous phase liquid (LNAPL) designated as diesel fuel was detected in monitoring well MW-7 located on the southeast portion of the 14-16 Charlotte Street parcel. Some contaminants detected (e.g., light-weight total petroleum hydrocarbon (TPH) identified as mineral spirits and chlorinated volatile organic compounds) appear attributable to an off-site source located north of Haags Alley. Properties that could be considered as potential off-site sources of contamination (e.g., historic dry cleaning operations, historic auto painting operations, etc.) are depicted on Figure 3 included in Appendix A.

In April 2000, the City of Rochester notified the New York State Department of Environmental Conservation (NYSDEC) of the preliminary field findings of the environmental studies that were being performed on the Site. The NYSDEC subsequently assigned spill number NYSDEC Spill #0070043 to the parcels addressed as 26-60 Charlotte Street. A separate spill number NYSDEC Spill #0070044 was assigned to the parcel addressed as 14-16 Charlotte Street. These spills currently have an "active" status.

An exposure assessment was performed using the available site data obtained during previous environmental work. The exposure assessment report dated June 2001 concluded that a combination of remedial actions and environmental engineering controls should be implemented if the Site is to be redeveloped for residential and/or commercial uses. Based on this exposure assessment, the site specific target levels (SSTLs) for the highest ("worst case") concentrations of

various constituents detected in soil, fill or groundwater at the Site and/or their respective cumulative baseline risk factors were exceeded for one or more of the following exposure pathways:

- surface soil inhalation, ingestion, and dermal contact;
- soil volatilization to indoor air;
- soil volatilization and surface soil particulates to outdoor air; and
- groundwater volatilization to indoor air.

In order to address regulatory cleanup criteria for contamination attributable to on-site sources and mitigate complete exposure pathways to residual contamination at the Site attributable to on-site or off-site sources, the following items were recommended so that the Site can be redeveloped as identified herein:

1. Removing the known on-site sources of petroleum contamination as an IRM. Subsurface conditions beneath the existing buildings (now demolished) will be characterized and addressed during their demolition;
2. Addressing the free product LNAPL encountered at monitoring well MW-7.
3. Implementing an environmental management plan (EMP), including a health and safety plan (HASP) This would include performing environmental monitoring (air monitoring with a photoionization detector [PID] and particulate meter; visual observations; etc.) during activities that would potentially disturb contaminated media;
4. Designing environmental engineering controls (i.e., vapor barriers, passive or active venting systems, etc. on proposed new buildings);
5. Implementing institutional controls (e.g., City of Rochester flagging system); and
6. Implementing a long-term monitoring program

A corrective action plan (CAP) dated October 2001 was developed by DAY to address the contamination at the Site in a manner that would implement the recommendations set forth above for allowing the residential redevelopment of the Site. The CAP was submitted to the NYSDEC, the Monroe County Department of Health (MCDOH) and the New York State Department of Health (NYSDOH). The CAP included an IRM soil removal, which is the focus of this IRM report. In addition, post-IRM confirmatory sampling and groundwater monitoring for LNAPL are presented in this IRM report.

1.2 Objectives

The objectives of the IRM were to: 1) remediate (i.e., remove) contaminated overburden soils; and 2) remove hydraulic lifts and an underground storage tank that had the potential to represent on-going sources of contamination in order to allow for the redevelopment of the Site for the stated future use while satisfying regulatory agencies' cleanup criteria and concerns to human health and the environment.

2.0 INTERIM REMEDIAL MEASURE

Between August and October 2001, the two-story residential dwelling on the 26 Charlotte Street parcel and the one-story commercial building on the 42 Charlotte Street parcel were demolished. During the demolition work, a DAY representative visited the Site periodically to observe subsurface conditions. In addition, environmental monitoring (e.g., air monitoring with a PID; visual observations; etc.) was conducted during the demolition of the building on the 42 Charlotte Street parcel. As part of the demolition, the top of a former floor drain inside the building on the 42 Charlotte Street parcel was removed. Some soils immediately beneath the concrete floor slab in proximity to the floor drain and the in-ground hydraulic lift showed evidence of petroleum-type contamination (e.g., staining). [Note: The floor drain contents and the contaminated soils were later removed and disposed off-site as part of the IRM described below]. Evidence of petroleum-type contamination was not observed during demolition of the residential structure on the 26 Charlotte Street parcel.

Between November 13, 2001 and March 28, 2002, IRM activities were performed at the Site. This IRM included:

- Removal of on-site contaminated soils to the extent practicable.
- Removal of two in-ground hydraulic lifts.
- Removal of an underground storage tank (UST) and its contents.
- Placement of oxygen release compound (ORC) in excavations in order to assist in the biodegradation of residual contamination in the saturated zone.
- Collection of confirmatory soil samples generally from excavation walls.
- Installation of two new groundwater monitoring wells.
- Backfilling of excavations.
- Post-IRM groundwater monitoring for the presence of LNAPL.

Select photographs of IRM activities are included in Appendix B.

2.1 Removal of In-Ground Hydraulic Lifts and UST

On November 19, 2001, Arrow removed one in-ground two-cylinder hydraulic lift with a reservoir tank and associated hardware from the 42 Charlotte Street parcel. The reservoir tank and one post were empty, and approximately one quart of hydraulic oil was removed from the other post and placed in a 5-gallon container. Arrow subsequently transported and disposed of the lift and the hydraulic oil off-site.

On March 25, 2002, Arrow removed one lift cylinder from a former in-ground hydraulic lift from the 14-16 Charlotte Street parcel. Approximately five gallons of hydraulic oil were removed from the lift cylinder and placed in a 5-gallon container. Arrow subsequently transported and disposed of this lift and the hydraulic oil off-site.

On November 21, 2001, during soil removal activities on the 14-16 Charlotte Street parcel, one 1,000-gallon underground storage tank was encountered. This tank was located on the southern portion of this parcel in proximity to former well MW-7 where LNAPL tentatively identified as diesel fuel was previously detected. [Note: DAY's Phase I ESA report dated May 15, 1997

contains City of Rochester Building Department and Fire Department records indicating a 1,000-gallon fuel oil tank was located in this general area of the Site].

On November 21, 2001, DAY collected a sample of the UST contents (designated as Sample 1B-UST Contents) and had it tested by Paradigm for the following parameters:

- TPH using USEPA Method 310.13.
- VOCs using USEPA Method 8240.
- Ignitability using SW846 Method 1010.
- Total Resource Conservation and Recovery Act (RCRA) metals using USEPA Method 6010 and 7470.

The analytical laboratory report for the sample of UST contents is included in Appendix E. The test results for this UST contents sample are summarized on Table 5 (TPH), Table 6 (VOCs), Table 7 (Ignitability) and Table 8 (RCRA Metals), which are included in Appendix D. In summary, the test results indicated the following:

- The sample of UST contents contained medium weight TPH pure petroleum product designated as diesel fuel.
- The sample of UST contents contained the VOCs benzene, ethylbenzene, toluene and total xylenes at concentrations ranging between 28,300 ug/l or ppb and 1,184,000 ug/l or ppb
- The sample of UST contents had an ignitability flashpoint of 31°C
- The sample of UST contents contained the metals barium and mercury at concentrations of 0.497 mg/l or ppm and 0.0074 mg/l or ppm, respectively.

On December 11, 2001, MARCOR Remediation, Inc. removed the UST and its contents (i.e., approximately 200 gallons) from the Site.

2.2 Soil Removal and Off-Site Disposal

Between November 13 through November 21, 2001 and March 25 through March 28, 2002, petroleum-contaminated soil was removed from the Site. Arrow Contracting, Inc. (Arrow) was retained by DAY to provide excavation and backfilling services. R.V.A. Independent Trucking Associates, Inc. (NYSDEC Permit #8A-706) was retained to transport contaminated soils off-site to the landfill. Soil/fill in the excavation areas that exhibited PID readings greater than 10 parts per million (ppm), and/or staining, objectionable odors, sheen, etc. were removed and disposed of off-site. A DAY representative also screened the ambient air above the excavated soils during the removal work to assist in segregating soil that were re-used on-site from contaminated soil that required off-site disposal.

Areas of soil contamination were removed to the top of bedrock; however, in some instances, the excavation was generally discontinued when a layer of contaminated soil above bedrock was observed to be less than one foot thick. In most cases, the contamination was at or near the top of bedrock, and a layer of uncontaminated fill and soil ranging between approximately six and ten feet thick required removal to expose the contaminated soil. The uncontaminated fill and soil were staged in piles adjoining the excavation from which it originated, and were later used as backfill in the same excavation. Figure 4 included in Appendix A depicts the anticipated IRM soil removal areas in relation to the actual IRM soil removal areas. As shown on Figure 4,

anticipated soil removal areas were designated as Area 1 through Area 4. The IRM work conducted at each area is further described below:

- AREA 1 (14-16 Charlotte Street) The majority of IRM soil removal work was conducted at Area 1. The presence of buried utilities beneath the sidewalk along the southern property line inhibited removal of some contaminated soils that were greater than one foot above the top of bedrock (refer to Figures 4 and 5 included in Appendix A). The volume of soil removed from Area 1 was larger than initially anticipated due to “chasing” lenses of the contamination above the top of bedrock.
- AREA 2 (28-34 Charlotte Street) The Area 2 locations were excavated; however, the presence of contamination requiring remediation (i.e., exhibited PID readings greater than 10 ppm, and/or staining, objectionable odors, sheen, etc.) was only encountered in a portion of the southern Area 2 location (refer to Figure 4 included in Appendix A). As such, only a limited amount of contaminated soil was removed from Area 2.
- AREA 3 (36-42 Charlotte Street) The actual area of soil removed from Area 3 was similar to that initially anticipated. Due to its proximity to the right-of-way of Haags Alley (refer to Figures 4 and 5 included in Appendix A), some contaminated soils that were more than one foot above the top of bedrock could not be removed along the northern property line on this part of the Site.
- AREA 4 (48-60 Charlotte Street) The Area 4 locations were excavated; however, the presence of contamination requiring remediation (i.e., exhibited PID readings greater than 10 ppm, and/or staining, objectionable odors, sheen, etc.) was not encountered. As such, soil was not removed for off-site disposal from Area 4.

A total of 1,887 tons of petroleum-contaminated soil was excavated to the top of competent bedrock and disposed of at Mill Seat Landfill, Riga, New York. The approved waste profile sheets, landfill invoices, and two example landfill disposal tickets for the first and last day contaminated soil was transported off-site are included in Appendix C. A complete set of landfill disposal tickets for each load of contaminated soil is on file at DAY’s office.

It was anticipated that LNAPL (diesel fuel or heating oil) might be encountered on the southern portion of Area 1 and require removal. However, during soil removal work in this area, only a few small approximate four-foot diameter or less areas of LNAPL (0.1 inch thick or less) were observed floating on the top of groundwater in the excavation. These areas were removed using absorbent pads and disposed off-site with the contaminated soil.

2.3 On-Site Monitoring During IRM Soil Removal Activities

During the IRM soil removal work, environmental air monitoring for volatile organic compounds (VOCs) and particulates was conducted in general accordance with the protocol identified in the EMP and HASP developed for this Site. The monitoring served two purposes: (1) protection of on-site personnel and the nearby community to exposures of Site contaminants; and (2) assist in segregation of petroleum-contaminated media (e.g., soil, etc.) from uncontaminated media.

Visual and olfactory observations (i.e., staining, odors, etc.) of soil and fill material were conducted during the removal activities. Also, monitoring with a PID and particulate meter were conducted during excavation/removal of soil and fill materials.

- Soils that exhibited a petroleum odor, visible staining, a sheen, or PID readings above 10 ppm were segregated from “clean” soil and disposed of at Mill Seat Landfill.

Air monitoring with the PID and particulate meter was also conducted in order to determine airborne contamination levels. The purpose of this monitoring was to determine proper respiratory protection for on-site workers and to protect against airborne contaminants from migrating off-site.

- PID readings measured in the worker’s breathing zone and around the perimeter of the work zone (i.e., soil removal area actively being excavated) did not exceed 0.0 ppm. Discrete particulate (i.e., dust) readings around the perimeter of the work zone were measured to range between 0.0 mg/m³ and 0.13 mg/m³. As shown, action levels (i.e., PID readings <1 ppm sustained for five minutes for Level D protection; and particulates <0.15 mg/m³ over 15-minute intervals as identified in the HASP) were not exceeded.

Field observations and measurements were documented during the air monitoring work, and are available to regulatory authorities for their review, if requested.

2.4 Confirmatory Sampling

Prior to backfilling, DAY collected twenty-three (23) confirmatory soil samples and one groundwater sample from the excavations (refer to Figure 4 included in Appendix A and Table 1 included in Appendix D). Fifteen soil samples were collected from Area 1 excavations. Two samples were collected from Area 2 excavations. Four soil samples and one groundwater sample were collected from the Area 3 excavation. Two soil samples were collected from Area 4 excavations. When excavations were terminated on bedrock, bottom samples were not collected. The confirmatory soil samples collected for each area are summarized below:

- AREA 1 (14-16 Charlotte Street) Confirmatory soil samples were collected from the walls of Area 1 excavations.
 - Samples #1A (north, south, east and west walls), Sample #1-1C (11’5’), Sample #2-1C (11’), Sample #101-1C (1’), Sample A(13’), B(8.5’), C(11.5’), D(12’) and E(10’) were collected within one foot of the top of bedrock.
 - Samples A(4-5’), B(7.5’), and E(7’) were collected in apparent “clean” soil above contaminated soil that was greater than one foot thick.
- AREA 2 (28-34 Charlotte Street) The Area 2 locations were excavated; however, the presence of contamination requiring remediation was only encountered in one portion of the southern Area 2 location.
 - Sample #2A was collected from near the surface of Area 2A from excavated material that had the highest likelihood of containing petroleum contamination based on previous analytical laboratory data and observations.

- Sample #2B was collected from Area 2B within one foot of the top of bedrock in the area where contaminated soil was encountered and removed.
- AREA 3 (36-42 Charlotte Street) Confirmatory samples were collected from the Area 3 excavation.
 - Soil Samples #3A (north, south, east and west walls) were collected within one foot of the top of bedrock.
 - Groundwater Sample “Excavation #3A Water” was collected from the bottom of the excavation.

[Note: at the time the groundwater sample was collected from this excavation, DAY also collected a groundwater sample from groundwater monitoring well MW-13 located nearby in Haags Alley (designated as Sample MW-13/Groundwater) for comparison of the groundwater quality of the Area 3 excavation.]

- AREA 4 (48-60 Charlotte Street) The Area 4 locations were excavated; however, the presence of contamination requiring remediation was not encountered.
 - Sample #4A and Sample #4B were collected within one foot of the top of bedrock at Area 4 excavations, which were anticipated to have the highest likelihood of petroleum contamination based on previous analytical laboratory data and observations.

DAY retained Paradigm Environmental Services, Inc. (Paradigm), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory, to test the confirmatory soil samples for the following parameters:

- Target compound list (TCL) and NYSDEC Spill Technology and Remediation Series (STARS)-list VOCs using United States Environmental Protection Agency (USEPA) Method 8260.
- STARS-list semi-volatile organic compounds (SVOCs) using USEPA Method 8270.
- TPH using NYSDOH Method 310.13.

Groundwater samples “Excavation #3A Water” and “MW-13/Groundwater” were analyzed by Paradigm for TPH using NYSDOH Method 310.13.

2.4.1 Confirmatory Soil Sample Test Results

The analytical laboratory reports for the confirmatory soil samples are included in Appendix E. The test results for confirmatory soil samples are summarized on Table 2 (TPH), Table 3 (VOCs) and Table 4 (SVOCs), which are included in Appendix D. The tables with VOC and SVOC test results also include recommended soil cleanup objectives as referenced in the NYSDEC Technical and Administrative Guidance Memorandum dated January 24, 1994 (TAGM 4046) as

amended by the NYSDEC's supplemental Tables dated August 22, 2001. Currently, there are no New York State cleanup criteria for TPH in soil. The analytical laboratory test results are further summarized below:

TPH

TPH was detected in the following eight samples:

- Heavy-weight TPH designated as lube oil was detected in Sample #1 (North Wall) and Sample #1 (East Wall) from Area 1 at concentrations of 19 mg/Kg or ppm and 8.44 mg/Kg or ppm, respectively. [Note: The area where Sample #1(East Wall) was collected was later removed during the IRM soil removal work conducted in March 2002].
- Medium-weight TPH designated as diesel fuel was detected in Samples A(13') and B(7.5') and B(8.5') from Area 1 at concentrations of 3,820 mg/Kg or ppm, 1,550 mg/Kg or ppm and 4,460 mg/Kg or ppm, respectively. These locations are along the southern property boundary in an area where the presence of buried utilities beneath the sidewalk inhibited removal of contaminated soils that were greater than one foot above the top of bedrock.
- Heavy-weight TPH (designated as lube oil) and light-weight TPH (designated as mineral spirits) were detected in Sample #3A (North Wall) from Area 3 at concentrations of 3,400 mg/Kg or ppm and 1,240 mg/Kg or ppm, respectively (i.e., summed total TPH of 4,640 mg/Kg or ppm). This location is along the northern property boundary adjoining Haags Alley in an area where the contaminated soils could not be removed that were greater than one foot above the top of bedrock. The soil contamination in this excavation was observed to be thickest along the north excavation wall abutting Haags Alley and tapered off toward the south.
- Heavy-weight TPH (designated as lube oil) was detected in Sample #3A (West Wall) from Area 3 at a concentration of 12 mg/Kg or ppm.
- Heavy-weight TPH (designated as lube oil) was detected in Sample #4A from Area 4 at a concentration of 12.1 mg/Kg or ppm.

TPH was not detected at concentrations above reported analytical laboratory detection limits in the other fifteen (15) confirmatory soil samples.

VOCs

VOCs were detected in the following five soil samples:

- Sample #2A from Area 2
- Sample #3A (North Wall) from Area 3
- Sample A(13') from Area 1
- Sample B(7.5') from Area 1
- Sample B(8.5') from Area 1

Only the detected concentrations of one or more specific VOCs and/or the total VOCs in Sample A(13') from Area 1, and Sample B(8.5') from Area 1 exceeded their respective TAGM 4046 recommended soil cleanup objectives (refer to Figures 4 and 5 included in Appendix A).

The detected concentrations of the specific VOCs and total VOCs in the remaining samples [i.e., Sample #2A from Area 2, Sample #3A (North Wall) from Area 3, and Sample B (7.5') from Area 1] do not exceed their respective TAGM 4046 recommended soil cleanup objectives.

VOCs were not detected at concentrations above reported analytical laboratory detection limits in the other eighteen (18) confirmatory soil samples.

SVOCs

SVOCs were detected in the following six soil samples:

- Sample #1A (East Wall) from Area 1
- Sample #3A (North Wall) from Area 3
- Sample #3A (South Wall) from Area 3
- Sample A (13') from Area 1
- Sample B (7.5') from Area 1
- Sample B (8.5') from Area 1

The concentration of the SVOC naphthalene detected in Sample B (8.5') from Area 1 exceeded its respective TAGM 4046 recommended soil cleanup objective (refer to Figures 4 and 5 included in Appendix A).

The detected concentrations of specific SVOCs and total SVOCs in the remaining samples [i.e., Sample #1A (East Wall) from Area 1, Sample #3A (North Wall) from Area 3, Sample #3A (South Wall) from Area 3, Sample A (13') from Area 1, and Sample B (7.5') from Area 1] do not exceed their respective TAGM 4046 recommended soil cleanup objectives.

SVOCs were not detected at concentrations above reported analytical laboratory detection limits in the other seventeen (17) confirmatory soil samples.

2.4.2 Groundwater Sample Test Results

The analytical laboratory reports for the groundwater samples are included in Appendix E. The TPH test results for groundwater samples are summarized on Table 5, which is included in Appendix D. Currently, there are no New York State cleanup criteria for TPH in groundwater. The analytical laboratory test results are further summarized below:

- Heavy-weight TPH (designated as lube oil) and medium-weight TPH (designated as mineral spirits) were detected in Sample "Excavation #3A Water" from Area 3 at concentrations of 27,800 ug/l or ppb and 10,400 ug/l or ppb, respectively (i.e., summed total TPH of 38,200 ug/l or ppb). This location is along the northern property boundary adjoining Haags Alley, in the vicinity of a suspected off-site groundwater contamination plume. Sample MW-13 located in Haags Alley contained medium-weight TPH designated as mineral spirits at a concentration of 1,730 ug/l or ppb.

2.5 Placement of ORC

As a supplement to the IRM, 510 pounds of ORC was purchased from RegenesiS and added to the saturated zone immediately above bedrock at the Area 1 excavations on the 14-16 Charlotte Street parcel prior to backfilling. The ORC was added to the excavations in order to enhance the bioremediation of residual petroleum contamination in the saturated zone (i.e., saturated soils and groundwater). The amount of ORC applied was based on use of RegenesiS' estimating software (Version 2a) for groundwater treatment in a tank excavation as identified in the CAP.

2.6 Backfilling Excavations

Subsequent to collection of confirmatory soil samples (and placement of ORC at excavations on the 14-16 Charlotte Street Parcel), the excavations where contaminated soil was removed were generally backfilled using the following protocol:

- A layer of select crusher-run fill sourced off-site was placed and generally compacted in one-foot lifts at the bottom of excavations. The layer ranged between approximately one and three feet thick.
- Soil/fill that was not contaminated with VOCs or petroleum at concentrations above regulatory criteria (e.g., NYSDEC STARS Memo #1 or TAGM 4046 criteria) was placed and generally compacted in one-foot lifts in the same excavations from which it originated.
- A minimum one-foot thick layer of select crusher-run fill sourced off-site was placed and compacted at the top of excavations (i.e., at the ground surface).

Subsequent to collection of confirmatory soil samples, the excavations where no contaminated soil was removed were generally backfilled with the soil/fill that originated from the excavations.

VanDerHorst Geotechnical Engineering, P.C. performed one proctor test on the select crusher run fill material and intermittent compaction testing during backfilling of excavations. Copies of the geotechnical test results are included in Appendix E.

3.0 POST-IRM LNAPL MONITORING

During the IRM soil removal work, two (2) four-inch inner-diameter (ID) Schedule 40 polyvinyl chloride (PVC) groundwater monitoring wells (designated as MW-A and MW-B) were installed on the 14-16 Charlotte Street parcel in areas where LNAPL was most likely anticipated to be present. The wells were installed between 0.5 and 1.0 feet into bedrock, and were screened to near the ground surface. Figure 4 included in Appendix A depicts the locations of these two wells on the Site.

Between April 17, 2002 and August 14, 2002, DAY performed 10 monitoring events at the wells to measure static water levels and LNAPL levels using: 1) an electronic static water level and visual observations; or 2) a Heron Model HO1.L oil/water interface meter. The data obtained is provided on Table 9 included in Appendix D. As shown, LNAPL was not detected in the wells during the monitoring events.

4.0 CONCLUSIONS

Elements of the CAP completed as part of the IRM are summarized below:

- The two-story residential dwelling on the 26 Charlotte Street parcel was demolished.
- The one-story building located on the 42 Charlotte Street parcel (formerly used for automobile repair) was demolished. In conjunction with the demolition and subsequent soil removal work, the former floor drain with catch basin and its contents on this parcel were removed and disposed off-site.
- Two in-ground hydraulic lifts that were located on the 14-16 and 42 Charlotte Street parcels were removed and disposed off-site.
- One 1,000-gallon capacity UST containing approximately 200 gallons of petroleum (e.g., fuel oil or diesel fuel) on the 14-16 Charlotte Street parcel was permanently closed via removal. This UST was located in proximity to former groundwater monitoring well MW-7 where LNAPL was previously detected.
- A total of 1,887 tons of petroleum-contaminated soil was removed from the Site, and transported off-site to a permitted landfill facility. With the exception of two areas of the Site (i.e., along the southern property boundary of the 14-16 Charlotte Street parcel and along the northern property boundary of the 42 Charlotte Street parcel), contaminated soil was removed to the top of bedrock or until the seam of soil contamination above the bedrock was less than one foot thick. Removal of contaminated soil was discontinued in these areas due to the proximity of the excavations to street improvements (e.g., sidewalk, paved street) and buried utilities in the right-of-way of Charlotte Street and Haags Alley, and also due to the fact that the soil contamination in Haags Alley appears attributable to an off-site source. The soil contamination left in-place on the southern property line of the 14-16 Charlotte Street parcel appears attributable to the former diesel fuel UST that was removed from this parcel during the IRM.
- Prior to backfilling, a total of 23 confirmatory soil samples were collected from the walls of IRM excavations and analyzed for TCL and STARS-list VOCs using USEPA Method 8260, STARS-list SVOCs using USEPA Method 8270, and for TPH using NYSDOH Method 310.13. Based on the analytical laboratory test results, only two soil samples (i.e., Samples A @ 13' and B @ 8.5') collected from the south excavation wall along the southern property line of the 14-16 Charlotte Street parcel contained specific VOCs and/or SVOCs at concentrations above TAGM 4046 recommended soil cleanup objectives, [i.e., the location where the Charlotte Street right-of-way inhibited further removal of contaminated soil above bedrock (refer to Figures 4 and 5 included in Appendix A)].
- ORC was placed at the bottom of excavations on the 14-16 Charlotte Street parcel to enhance biodegradation of residual petroleum contamination in the saturated zone.
- Post-IRM groundwater monitoring on the 14-16 Charlotte Street parcel has not detected the presence of LNAPL on the uppermost groundwater-bearing zone (i.e., overburden/bedrock interface).

- A perimeter vent system, such as that depicted on Figure 4 included in the CAP, was not installed in this area during the IRM since future redevelopment plans have not been finalized.
- The IRM was successful in removing petroleum-contaminated soils from the Site in preparation for future redevelopment.

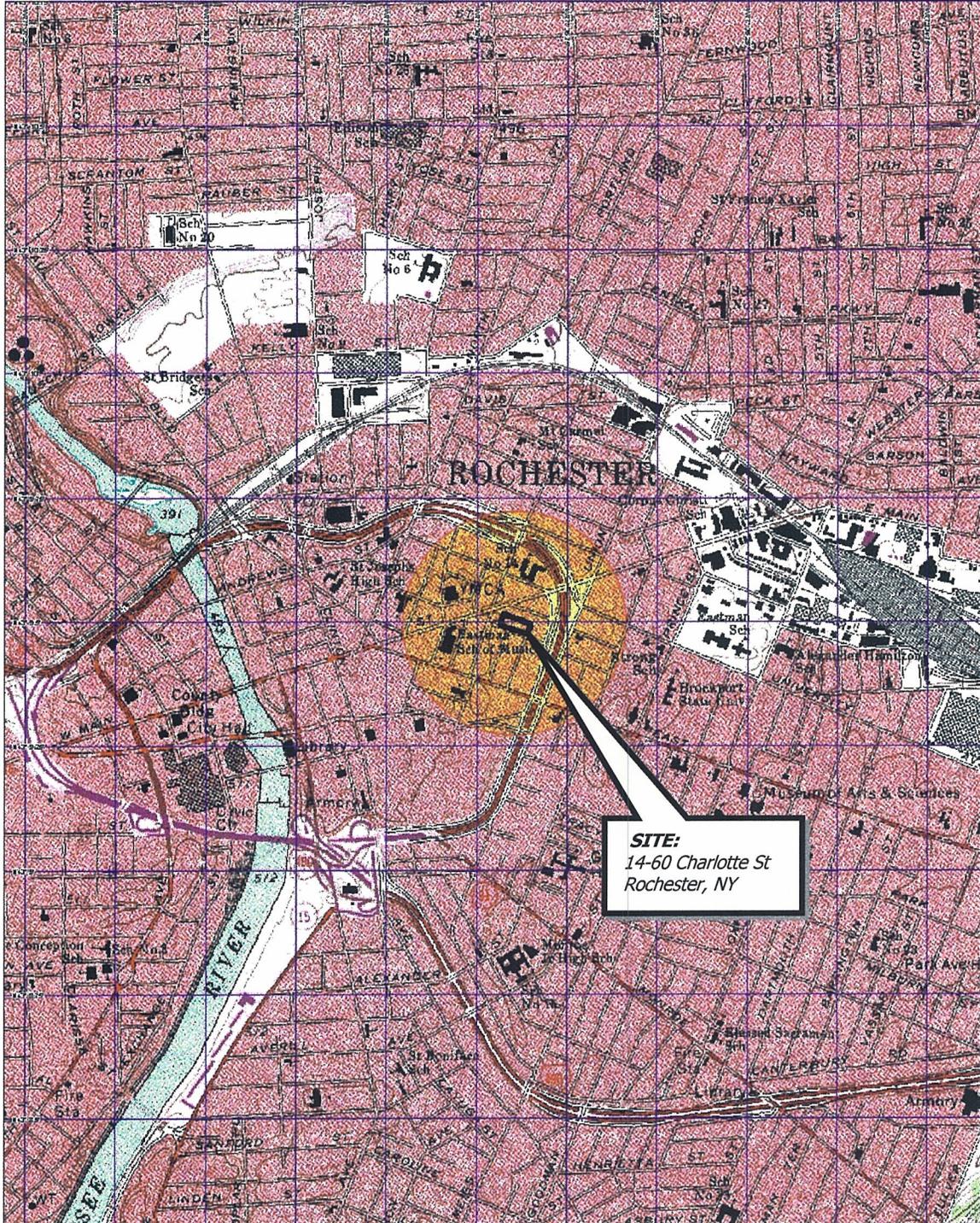
The City of Rochester has issued a Request for Proposal (RFP) for residential redevelopment of the Site. The City of Rochester will require the selected developer to implement the elements of the CAP that were not performed as part of the IRM.

5.0 ABBREVIATIONS

Arrow	Arrow Contracting, Inc.
CAP	Corrective Action Plan
DAY	Day Environmental, Inc.
ELAP	Environmental Laboratory Approval Program
EMP	Environmental Management Plan
HASP	Health and Safety Plan
IRM	Interim Remedial Measure
LNAPL	Light Non-Aqueous Phase Liquid
MCDOH	Monroe County Department of Health
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORC	Oxygen Release Compound
PID	Photoionization Detector
ppb	Parts Per Billion
ppm	Parts Per Million
PVC	Polyvinyl Chloride
RCRA	Resource Conservation and Recovery Act
SSTL	Site Specific Target Level
STARS	Spill Technology and Remediation Series
SVOC	Semi-Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCL	Target Compound List
TPH	Total Petroleum Hydrocarbons
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

APPENDIX A

Figures

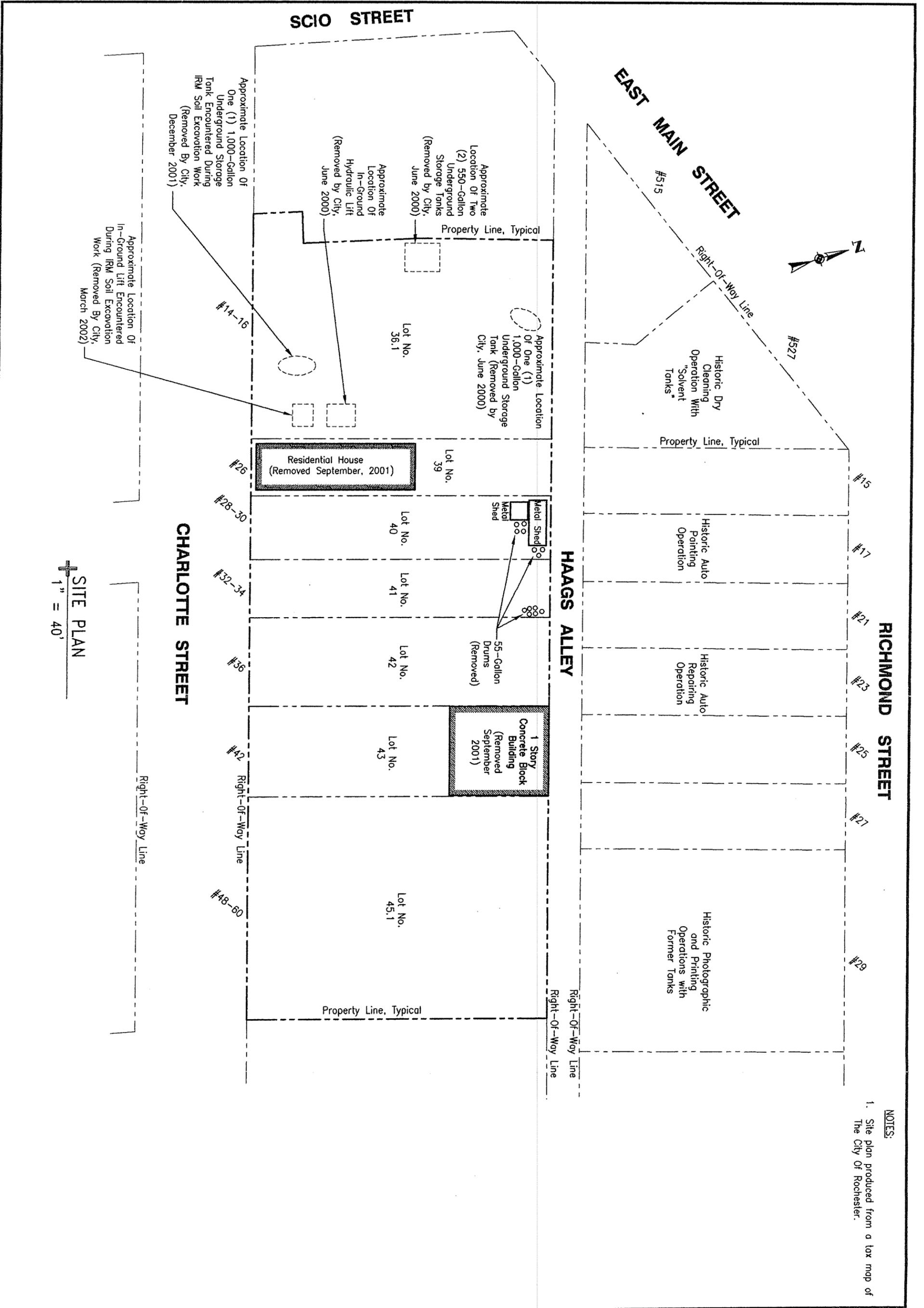


SITE:
 14-60 Charlotte St
 Rochester, NY

3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 550 ft Scale: 1 : 19,200 Detail: 14-0 Datum: NAD27

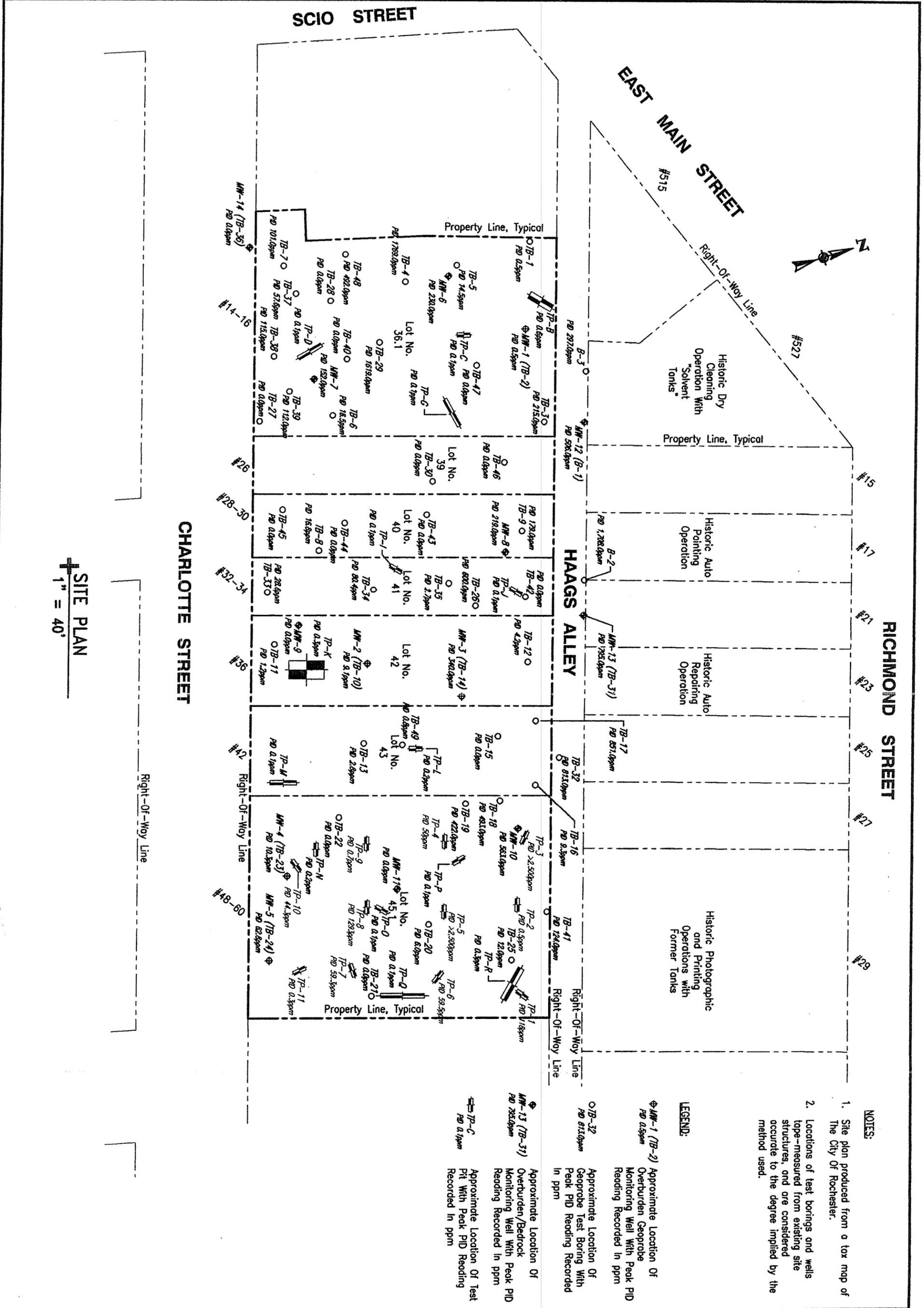
Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad map Rochester East (NY) 1995. Site Lat/Long: N43d-9.50' - W77d-35.90'

DATE 8/12/2002	 DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE 14-60 CHARLOTTE STREET ROCHESTER, NEW YORK INTERIM REMEDIAL MEASURE	PROJECT NO. 2485R-00 FIGURE 1
DRAWN BY Jad		DRAWING TITLE PROJECT LOCUS MAP	
SCALE 1" = 2000'			



NOTES:
 1. Site plan produced from a tax map of The City Of Rochester.

FIGURE 2 PROJECT NO. 2485SR-00	PROJECT TITLE 14 - 60 CHARLOTTE STREET ROCHESTER, NY	FIELD VERIFIED BY JAD	DATE 04-2002
	DRAWING TITLE Site Plan	INTERIM REMEDIAL MEASURE	DRAWN BY Tww
		SCALE 1" = 40'	DATE ISSUED 04-23-2002
		DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	



1" = 40'

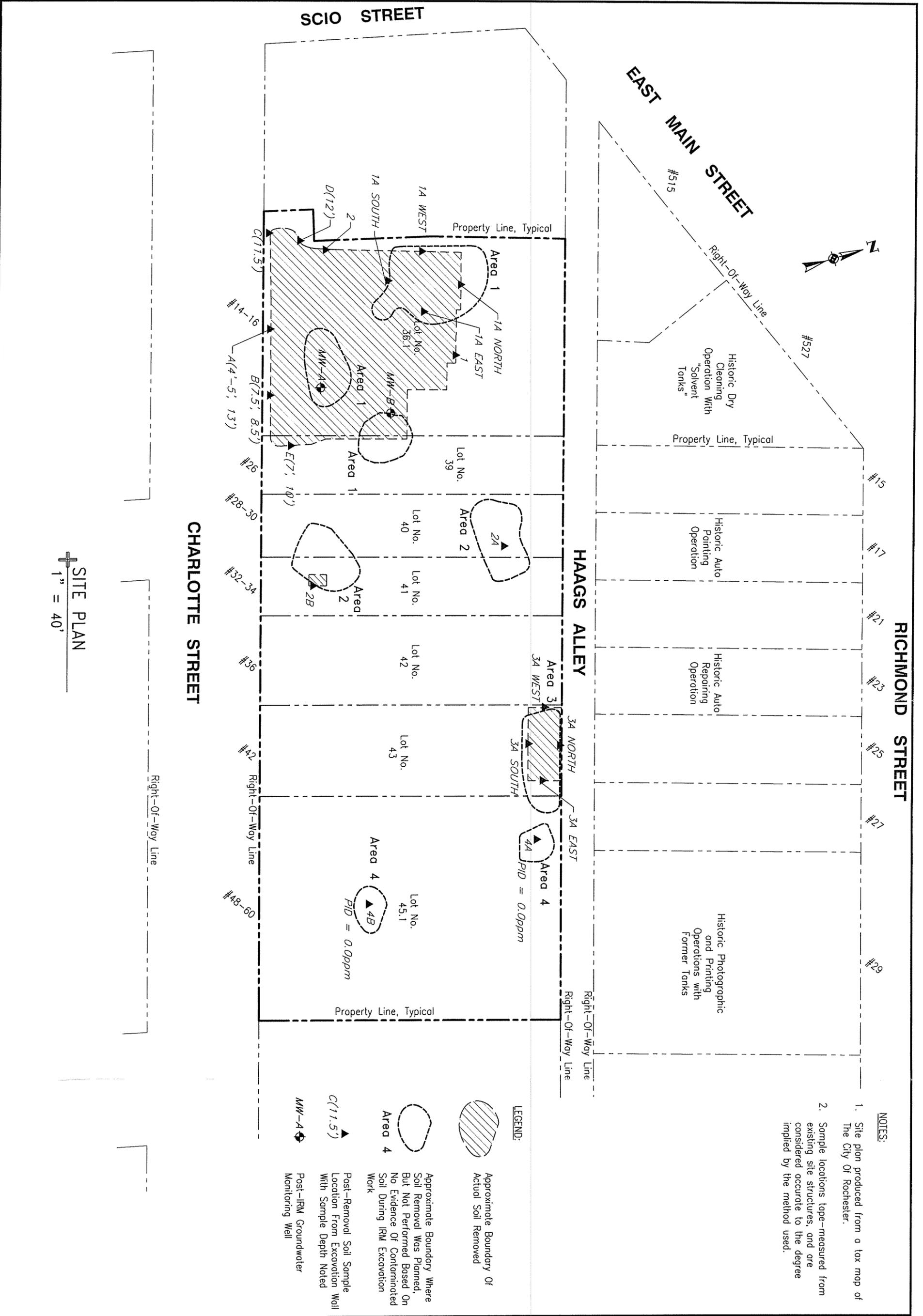
- NOTES:**
1. Site plan produced from a tax map of The City Of Rochester.
 2. Locations of test borings and wells tape-measured from existing site structures, and are considered accurate to the degree implied by the method used.

LEGEND:

- MW-1 (TB-2) Approximate Location Of Overburden Geoprobe Monitoring Well With Peak PID Reading Recorded In ppm
- TB-32 Approximate Location Of Geoprobe Test Boring With Peak PID Reading Recorded In ppm
- TB-13 (TB-31) Approximate Location Of Overburden/Bedrock Monitoring Well With Peak PID Reading Recorded In ppm
- TP-C Approximate Location Of Test Pit With Peak PID Reading Recorded In ppm

<p>FIGURE 3</p>	<p>PROJECT NO. 2485R-00</p>	<p>PROJECT TITLE 14 - 60 CHARLOTTE STREET ROCHESTER, NY</p>	<p>FIELD VERIFIED BY JAD</p>	<p>DATE 04-2002</p>
	<p>INTERIM REMEDIAL MEASURE</p>	<p>DRAWING TITLE Cumulative Test Locations With Peak PID Readings</p>	<p>DRAWN BY Tww</p>	<p>DATE DRAWN 04-02-2002</p>
			<p>SCALE 1" = 40'</p>	<p>DATE ISSUED 05-14-2002</p>

day
 DAY ENVIRONMENTAL, INC.
 ENVIRONMENTAL CONSULTANTS
 ROCHESTER, NEW YORK 14614-1008



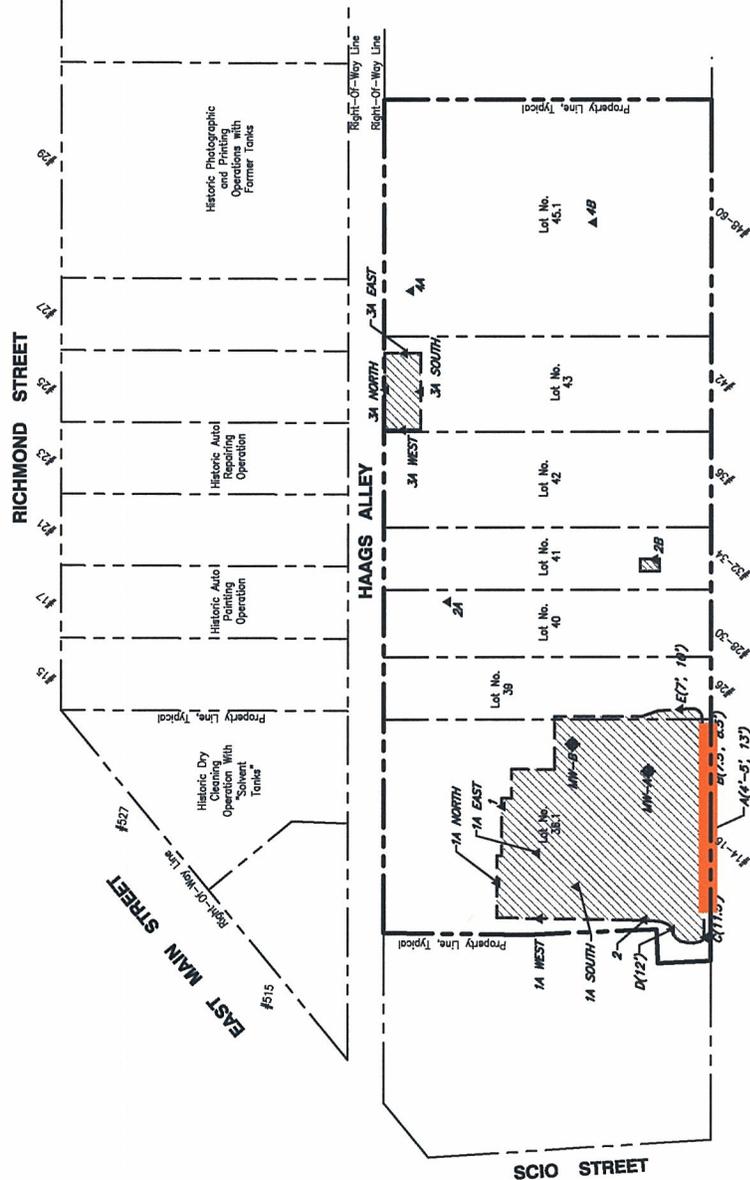
SITE PLAN
 1" = 40'

PROJECT TITLE	14 - 60 CHARLOTTE STREET ROCHESTER, NY
DRAWING TITLE	INTERIM REMEDIAL MEASURE Site Plan Depicting Soil Removal Work and Post-Removal Soil Sample Locations
PROJECT NO.	2485R-00

day
 DAY ENVIRONMENTAL, INC.
 ENVIRONMENTAL CONSULTANTS
 ROCHESTER, NEW YORK 14614-1008

FIELD VERIFIED BY	JAD	DATE	05-2002
DRAWN BY	Tww	DATE DRAWN	05-14-2002
SCALE	1" = 40'	DATE ISSUED	08-30-2002

FIGURE 4



SITE PLAN
 1" = 80'



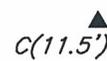
NOTES:

1. Site plan produced from a tax map of the City Of Rochester.
2. Sample locations tape-measured from existing site structures, and are considered accurate to the degree implied by the method used.

LEGEND



Approximate Boundary Of Actual Soil Removed



Post-Removal Soil Sample Location From Excavation Wall With Sample Depth Noted



Post-IRM Groundwater Monitoring Well



Remaining Area Of Contaminated Unsaturated Soil Exceeding Cleanup Criteria

DATE	09-30-2002
DRAWN BY	Tww
SCALE	1" = 80'

day
 DAY ENVIRONMENTAL, INC.
 ENVIRONMENTAL CONSULTANTS
 ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
 14 - 60 CHARLOTTE STREET
 ROCHESTER, NY

INTERIM REMEDIAL MEASURE

DRAWING TITLE
 Remaining Area Of Contaminated Unsaturated Soil Exceeding Cleanup Criteria

PROJECT NO.
 2485R-00

FIGURE 5

APPENDIX B

Photographs



November 2001 - Placement of ORC and backfilling bottom of excavation with crusher run fill – West portion of Area 1 on 14-16 Charlotte Street Parcel



November 2001 - Placement of clean fill sourced on-site into excavation - West portion of Area 1 on 14-16 Charlotte Street Parcel



November 2001 - Soil excavation - Area 3 on 42 Charlotte Street Parcel



November 2001 - Minimum one-foot thick layer of crusher run fill placed and compacted at top of excavation - Area 3 on 42 Charlotte Street Parcel



November 2001 - Placement of absorbent pads on area of LNAPL – Southern portion of Area 1 on 14-16 Charlotte Street Parcel.



November 2001 – Removal of in-ground hydraulic lift - Area 3 on 42 Charlotte Street Parcel



November 2001 – In-ground lift cylinder– Area 1 on 14-16 Charlotte Street parcel



November 2001 – Underground storage tank encountered - Area 1 on 14-16 Charlotte Street Parcel



March 2002 – Soil removal – South portion of Area 1 on 14-16 Charlotte Street parcel



March 2002 – Contaminated soil along Charlotte Street that was left in-place in side wall at bottom of excavation – Southern portion of Area 1 on 14-16 Charlotte Street parcel



March 2002 – Removal of in-ground lift cylinder – Southeast portion of Area 1 on 14-16 Charlotte Street parcel



March 2002 – Loading in-ground lift cylinder for of-site disposal – Area 1 on 14-16 Charlotte Street parcel



March 2002 – Placing crusher run fill at bottom of excavation – South portion of Area 1 on 14-16 Charlotte Street parcel



March 2002 – Placing and compacting crusher run fill at bottom of excavation – South portion of Area 1 on 14-16 Charlotte Street parcel



March 2002 – Excavation backfilled with on-site soil/fill – South portion of Area 1 on 14-16 Charlotte Street parcel



March 2002 – Minimum one-foot thick layer of crusher run fill placed and compacted at top of excavation, also shows new wells MW-A and MW-B – Area 1 on 14-16 Charlotte Street parcel

APPENDIX C

Waste Profile and Disposal Documentation



DEPARTMENT OF ENVIRONMENTAL SERVICES
Mill Seat Landfill

309 Brew Road, Bergen, New York 14416
 716-494-3000 (Office) 716-494-3003 (Fax)

Don't
 trash our
 future.
 Recycle.

FORM #6

SPECIAL WASTE PROFILE SHEET - MILL SEAT LANDFILL

This Special Waste ID Number is assigned by Monroe County and must appear on all correspondence.

A. Generator Information:

Please type or print clearly.

The City of Rochester

Generator Organization Name

30 Church Street

/ Rochester

/ NY

/ 14614

Address

City

State

Zip

The waste described in Section D. was generated at the following facility:

Facility Name and Street Address

14-60 Charlotte Street

/ Rochester

/ NY

/ 14607

Address

City

State

Zip

Joseph J. Biondofillo

/ Sr. Environmental Analyst

/ (716) 428-6649

/ (716) 428-6010

Contact Person

Title

Phone #

Fax #

N/A

N/A

Generator USEPA/Federal ID# (if applicable)

Generator State ID# (if applicable)

B. Transporter Information: (Profile Sheet must accompany driver)

R.V.A Independent Trucking Associates, Inc.

Transporter Organization Name

/

8A-708

Transporter Part 364 Permit #

575 Lyell Avenue

/ Rochester

/ NY

/ 14606-1895

Address

City

State

Zip

Frank Alkoco

/ Vice President

/ (716) 254-7010

/ (716) 254-7386

Contact Person

Title

Phone #

Fax #

Does Mill Seat Landfill have a current copy of the NYS Part 364 Transporter Permit?

Yes

No

(If no, please attach.)

Will any other haulers be transporting this material to Mill Seat Landfill?

Yes

No

(If yes, attach appropriate transporter information.)

C. Monroe County Customer Account Information:

for Monroe County use, only

MSLF Account #:

00195

Day Environmental, Inc.

Customer Organization Name

40 Commercial Street

/ Rochester

/ NY

/ 14614-1008

Address

City

State

Zip

Jeff Danzinger

/ Sr. Professional

/ (716) 454-0210

ext. 114

/ (716) 454-0825

Contact Person

Title

Phone #

Fax #

D. Description of Waste:

for Monroe County use, only

Material #

132 \$ 16.00 per ton

Soil contaminated with petroleum and standard solvent

Name of Waste

Site cleanup

Process Generating Waste

1500-2000 tons

Quantity to be disposed (ie. cubic yards, pounds, tons or specify other)

Will this be an ongoing waste stream?

Yes

No

SPECIAL WASTE PROFILE SHEET - MILL SEAT LANDFILL

E. Physical Characteristics of Waste:

Brown / Petroleum

Color of Waste

Describe any incidental odor of the waste

Physical State at 70 degrees F: Solid Semi-solid Liquid Powder Other:

Does the waste contain free liquids? Yes No If yes, what percent? %

What is PH of the waste? Unknown Range: 6-8 Flash poi: >70° C

Chemical composition: please attach required testing data.

Does the waste contain any of the following?:

	NO	or	LESS THAN	or	ACTUAL
PCBs	<input checked="" type="checkbox"/>		50 ppm		ppm
Cyanides	<input checked="" type="checkbox"/>		30 ppm		ppm
Sulfides	<input checked="" type="checkbox"/>		500 ppm		ppm

Analytical testing data:

Was analytical testing performed on the waste? Yes No

Are the testing results submitted with the Profile Sheet? Yes No previously submitted to Ed Harding

What testing methods were performed? TCLP Total MSDS Other By whom? CAS & Paradigm

Is this waste a Hazardous Waste? Yes No

Are there any known/suspected hazardous waste associated with this site/project? Yes No

F. Sampling:

Sampling source (excavation, stock pile, drum, lagoon, vat, etc.): Excavation and test borings

Number of samples taken: about 49 Number of composite grab samples: None

Representative Sample Certification (or attach Chain of Custody Form)

* Chain of custody forms previously submitted to Ed Harding at Mill Seat Landfill

Sampler's Name (please type or print)	Sample Date
Sampler's Signature	Sampler's Title

The Sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to the NYSDEC Sampling Guidelines and Protocols manual.

G. Generator Certification:

By signing the Profile Sheet, the generator certifies that:

1. This waste is not a Hazardous Waste as defined by USEPA or NYSDEC, and
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCBs (Polychlorinated Biphenyls), and
3. The analytical data presented herein or attached hereto was derived from testing a representative sample taken in accordance with NYSDEC Sampling Guidelines and Protocols manual, and
4. If any changes occur in the character of the waste, the generator shall notify the contractor prior to providing the waste to the contractor.

City of Rochester

Generator Organization Name

11/9/01

Date

Anne Spaulding

Generator Signature

/ Anne Spaulding Name (type or print)

/ Sr. Environmental Analyst Title

H. Monroe County Approval:

[Signature]

Signature

Edwards J. Harano Name (type or print)

11-12-01

Date

/ Assist. Engineer Title

From: James Callahan 716-886-9098 To: Jeff Danzinger

Date: 3/14/2002 Time: 11:12:52 AM

Page 2 of 3



GENERATOR'S WASTE PROFILE SHEET
PLEASE PRINT IN INK OR TYPE

CV2180
9/1/02

Service Agreement on File? YES NO
 Hazardous Non-Hazardous TSCA

Profile Number:
Renewal Date:

A. Waste Generator Information

1. Generator Name: <u>The City of Rochester</u>	2. SIC Code: _____
3. Facility Street Address: <u>14-60 Charlotte Street</u>	4. Phone: <u>(585) 428-6649</u>
5. Facility City: <u>Rochester</u>	6. State/Province: <u>New York</u>
7. Zip/Postal Code: <u>14607</u>	8. Generator USEPA/Federal ID #: <u>NA</u>
9. County: <u>Monroe</u>	10. State/Province ID #: <u>NA</u>
11. Customer Name: <u>Day Environmental, Inc.</u>	12. Customer Phone: <u>(585) 454-0210</u>
13. Customer Contact: <u>Jeff Danzinger</u>	14. Customer Fax: <u>(585) 454-0825</u>
15. Billing Address: <u>40 Commercial St, Rochester, NY 14614-1008</u>	<input type="checkbox"/> Same as above

B. Waste Stream Information

1. Description

a. Name of Waste: Soil contaminated with petroleum and stoddard solvent

b. Process Generating Waste: Site cleanup

c. Color <u>Brown</u>	d. Strong odor (describe): <u>Petroleum</u>	e. Physical state @ 70°F <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Sludge <input type="checkbox"/> Other	f. Layers: <input checked="" type="checkbox"/> Single Layer <input type="checkbox"/> Multi-layer	g. Free liquid range to <u>0</u> % h. pH: Range <u>6</u> to <u>8</u> %
--------------------------	--	---	--	---

l. Liquid Flash Point: <73°F 73-99°F 100-139°F 140-199°F ≥ 200°F Not applicable
j. Chemical Composition (List all constituents [including halogenated organics, debris, and UHCs] present in any concentration and submit representative analysis):

Constituents	Concentration Range	Constituents	Concentration Range
Gas attached data			
Soil	95-100%	Petroleum-- Stoddard	0-1%
may contain a little concrete and rock (4%)			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

k. Oxidizer Pyrophoric Explosive Radioactive
 Carcinogen Infectious Shock Sensitive Water Reactive

l. Does the waste represented by this profile contain any of the carcinogens which require OSHA notification? (list in Section B.1.j)..... YES NO

m. Does the waste represented by this profile contain dioxins? (list in Section B.1.j)..... YES NO

n. Does the waste represented by this profile contain asbestos?..... YES NO
If yes, concentration _____ friable non-friable

o. Does the waste represented by this profile contain benzene?..... YES NO
If yes, concentration not detected ppm
Is the waste subject to the benzene waste operations NESHAP?..... YES NO

p. Is the waste subject to RCRA Subpart CC controls?..... YES NO
If no, does the waste meet the organic LDR Exemption?..... YES NO
If no, does the waste contain <500 ppmw volatile organic (VO)?..... YES NO
Volatile organic concentration varies ppmw

q. Does the waste contain any Class I or Class II ozone-depleting substances?..... YES NO

r. Does the waste contain debris? (list in Section B.1.j)..... YES NO

2. Quantity of Waste
Estimated Annual Volume 650 Tons Yards Drums Other (specify) _____

3. Shipping Information

a. Packaging:
 Bulk Solid; Type/Size: Dump truck Bulk Liquid; Type/Size: _____
 Drum; Type; Size: _____ Other: _____

b. Shipping Frequency: Units 650 tons Per: Month Quarter Year One time Other

c. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (if no, skip d, e, and f)..... YES NO

From: James Callahan 716-686-9096 To: Jeff Danzinger

Date: 3/14/2002 Time: 11:12:52 AM

Page 3 of 3



GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

d. Reportable Quantity (lbs.,kgs.): _____ e. Hazard Class/ID #: _____
 f. USDOT Shipping Name: _____
 g. Personal Protective Equipment Requirements: _____
 h. Transporter/Transfer Station: RVA Independent Trucking

C. Generator's Certification (Please check appropriate responses, sign, and date below)

1. Is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2. YES NO
 - a. If yes, identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U) _____
 - b. If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (if yes, list in Section B.1.) YES NO
 - c. Does this waste contain debris? (if yes, list size and type in Chemical Composition - B.1.) YES NO
2. Is this a state hazardous waste? YES NO
Identify ALL state hazardous waste codes _____
3. Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up? YES NO
If yes, attach Record of Decision (ROD), 104/108 or 122 order or court order that governs site clean-up activity. For state mandated clean-up, provide relevant documentation.
4. Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the Nuclear Regulatory Commission? YES NO
5. Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs) regulated by 40 CFR 791? (if yes, list in Chemical Composition - B.1.) YES NO
 - a. If yes, were the PCBs imported into the U.S.? YES NO
6. Do the waste profile sheet and all attachments contain true and accurate descriptions of the waste material, and has all relevant information within the possession of the Generator regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? YES NO
7. Will all changes which occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor? YES NO

Check here if a Certificate of Destruction or Disposal is required.

Any sample submitted is representative as defined in 40 CFR 261 - Appendix I or by using an equivalent method. I authorize WM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary. If approved for management, Contractor has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile.

Certification Signature: Anne E. Shaulding Title: Sr. Env. Specialist
 Name (Type or Print): Anne E. Shaulding Company Name: City of Rochester Date: _____
 Check if additional information is attached. Indicate the number of attached pages >150

D. WM Management's Decision FOR WM USE ONLY

1.	Management Method <input checked="" type="checkbox"/> Landfill <input type="checkbox"/> Non-hazardous Solidification <input type="checkbox"/> Bioremediation <input type="checkbox"/> Incineration	
	<input type="checkbox"/> Hazardous Stabilization <input type="checkbox"/> Other (Specify)	
2.	Proposed Ultimate Management Facility: <u>Mill Seat Landfill</u>	
3.	Precautions, Special Handling Procedures, or Limitation on Approval: <u>Material may be used as daily cover</u>	
4.	Waste Form _____	5. Source _____
		6. System Type <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved
Special Waste Decision: _____		Date: _____
Salesperson's Signature: _____		Date: _____
Division Approval Signature (Optional): _____		Date: _____
Special Waste Approvals Person Signature: <u>James L. Callahan</u>		Date: <u>3/20/02</u>

INVOICE

County of Monroe
 Dept of Environmental Services
 50 West Main Street
 Rochester, NY 14614

Page 1 of 2	Date 11/30/2001	Invoice # 1002586
-------------	--------------------	----------------------

Day Environmental, Inc.
 40 Commercial Street
 Rochester, NY 14614-1008

Account No: D0195
 Terms:

Tkt #	Date	Location	Quantity	Unit	\$	Material	Tax	Other	Total
-------	------	----------	----------	------	----	----------	-----	-------	-------

11120101 PETROLEUM CONTAMINATED SOIL

Material: 132

186010	11/13/01	C19 720 STG. II	20.430	tn	16.00	\$326.88			\$326.88
186029	11/13/01	11/13/01 C19 720 STG. II	26.140	tn	16.00	\$418.24			\$418.24
186051	11/13/01	11/13/01 C19 720 STG. II	23.460	tn	16.00	\$375.36			\$375.36
186081	11/13/01	11/13/01 C19 720 STG. II	23.130	tn	16.00	\$370.08			\$370.08
186101	11/13/01	11/13/01 C19 720 STG. II	22.350	tn	16.00	\$357.60			\$357.60
186107	11/13/01	11/13/01 N6 740 STG. I	24.440	tn	16.00	\$391.04			\$391.04
186108	11/13/01	11/13/01 N6 740 STG. I	24.860	tn	16.00	\$397.76			\$397.76
186158	11/14/01	C19 720 STG. II	24.350	tn	16.00	\$389.60			\$389.60
186159	11/14/01	11/14/01 C19 720 STG. II	24.400	tn	16.00	\$390.40			\$390.40
186176	11/14/01	11/14/01 C19 720 STG. II	14.130	tn	16.00	\$226.08			\$226.08
186190	11/14/01	11/14/01 C19 720 STG. II	25.770	tn	16.00	\$412.32			\$412.32
186217	11/14/01	11/14/01 C19 720 STG. II	22.160	tn	16.00	\$354.56			\$354.56
186228	11/14/01	11/14/01 C19 720 STG. II	19.410	tn	16.00	\$310.56			\$310.56
186476	11/15/01	11/15/01 B19 720 STG. II	26.060	tn	16.00	\$416.96			\$416.96
186481	11/15/01	11/15/01 B19 720 STG. II	19.640	tn	16.00	\$314.24			\$314.24
186509	11/15/01	11/15/01 B19 720 STG. II	34.230	tn	16.00	\$547.68			\$547.68
186524	11/15/01	11/15/01 B19 720 STG. II	24.710	tn	16.00	\$395.36			\$395.36
186622	11/15/01	11/15/01 B19 720 STG. II	22.180	tn	16.00	\$354.88			\$354.88
187273	11/19/01	11/19/01 F19 720 STGII	43.050	tn	16.00	\$688.80			\$688.80
187303	11/19/01	11/19/01 F19 720 STGII	24.990	tn	16.00	\$399.84			\$399.84
187330	11/19/01	11/19/01 F19 720 STGII	23.690	tn	16.00	\$378.88			\$378.88
187361	11/19/01	11/19/01 F19 720 STGII	35.220	tn	16.00	\$563.52			\$563.52
187372	11/19/01	11/19/01 F19 720 STGII	21.010	tn	16.00	\$336.16			\$336.16
187385	11/19/01	11/19/01 F19 720 STGII	19.720	tn	16.00	\$315.52			\$315.52
187457	11/20/01	E19 720 STGII	23.680	tn	16.00	\$378.88			\$378.88
187461	11/20/01	E19 720 STGII	24.150	tn	16.00	\$386.40			\$386.40
187507	11/20/01	E19 720 STGII	29.430	tn	16.00	\$470.88			\$470.88
187545	11/20/01	E19 720 STGII	22.110	tn	16.00	\$353.76			\$353.76
187548	11/20/01	E19 720 STGII	19.860	tn	16.00	\$317.76			\$317.76

	Material
	Other _____
	Sub-ttls _____
	Tax _____
	Invoice Total _____

INVOICE

of Monroe
of Environmental Services
West Main Street
Rochester, NY 14614

Page 2 of 2	Date 11/30/2001	Invoice # 1002586
-------------	--------------------	----------------------

Day Environmental, Inc.

40 Commercial Street
Rochester, NY 14614-1008

Account No. D0195

Terms:

Tkt. #	Date	Location	Quantity	Unit	\$	Material	Tax	Other	Total
187594	11/20/01	E19 720 STGII	34.750	tn	16.00	\$556.00			\$556.00
187616	11/20/01	E19 720 STGII	22.510	tn	16.00	\$360.16			\$360.16
187632	11/20/01	E19 720 STGII	18.880	tn	16.00	\$302.08			\$302.08
187687	11/20/01	E19 720 STGII	34.910	tn	16.00	\$558.56			\$558.56
187700	11/20/01	E19 720 STGII	21.470	tn	16.00	\$343.52			\$343.52
187714	11/20/01	E19 720 STGII	24.720	tn	16.00	\$395.52			\$395.52
187740	11/20/01	E19 720 STGII	35.090	tn	16.00	\$561.44			\$561.44
187781	11/21/01	D19 720 STGII 11/21/01	22.070	tn	16.00	\$353.12			\$353.12
187783	11/21/01	D19 720 STGII 11/21/01	18.200	tn	16.00	\$291.20			\$291.20
187785	11/21/01	D19 720 STGII 11/21/01	22.070	tn	16.00	\$353.12			\$353.12
187827	11/21/01	D19 720 STGII 11/21/01	22.520	tn	16.00	\$360.32			\$360.32
187834	11/21/01	D19 720 STGII 11/21/01	21.230	tn	16.00	\$339.68			\$339.68
187840	11/21/01	D19 720 STGII 11/21/01	24.580	tn	16.00	\$393.28			\$393.28
187883	11/21/01	D19 720 STGII 11/21/01	21.210	tn	16.00	\$339.36			\$339.36
187887	11/21/01	D19 720 STGII 11/21/01	23.220	tn	16.00	\$371.52			\$371.52
187913	11/21/01	D19 720 STGII 11/21/01	23.720	tn	16.00	\$379.52			\$379.52
187962	11/21/01	D19 720 STGII 11/21/01	21.110	tn	16.00	\$337.76			\$337.76
187966	11/21/01	D19 720 STGII 11/21/01	20.030	tn	16.00	\$320.48			\$320.48
187973	11/21/01	D19 720 STGII 11/21/01	23.820	tn	16.00	\$381.12			\$381.12
188011	11/21/01	D19 720 STGII 11/21/01	22.320	tn	16.00	\$357.12			\$357.12
188019	11/21/01	D19 720 STGII 11/21/01	21.630	tn	16.00	\$346.08			\$346.08
188026	11/21/01	D19 720 STGII 11/21/01	23.740	tn	16.00	\$379.84			\$379.84
188060	11/21/01	D19 720 STGII 11/21/01	22.490	tn	16.00	\$359.84			\$359.84
188065	11/21/01	D19 720 STGII 11/21/01	18.430	tn	16.00	\$294.88			\$294.88
188074	11/21/01	D19 720 STGII 11/21/01	26.270	tn	16.00	\$420.32			\$420.32
ADC-PETROL CONT SOIL			1299.740	tn		\$20795.84	\$0.00	\$0.00	\$20795.84

	Material	\$20795.84
	Other	\$0.00
	Sub-ttls	\$20795.84
	Tax	\$0.00
	Invoice Total	\$20795.84



WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
(585) 494-3000
(585) 494-3003 (FAX)

INVOICE

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

LD
Acct No: 183-0000100-1836-4
Invoice No: 0000235-1836-8
04/01/2002
Page: 0001-0005

RECEIVED
APR - 3 2002

Ticket	Description	Quantity	Rate	Extended
208822	03/25/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	23.79 TON	18.00	428.22 . . . 428.47
208830	03/25/2002 VEH#:RVA76 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	21.82 TON	18.00	392.76 . . . 392.99
208841	03/25/2002 VEH#:RVA70 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	21.06 TON	18.00	379.08 . . . 379.30
208845	03/25/2002 VEH#:RVA77 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	22.97 TON	18.00	413.46 . . . 413.70
208865	03/25/2002 VEH#:RVA76 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	17.81 TON	18.00	320.58 . . . 320.77
208879	03/25/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	20.08 TON	18.00	361.44 . . . 361.65
208888	03/25/2002 VEH#:RVA70 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	22.28 TON	18.00	401.04 . . . 401.28

(Continued on next page)

NET 10 DAYS
PLEASE NOTE: THE REMIT ADDRESS HAS CHANGED.
BILLING CALL: (585) 223-6132
PAYMENTS CALL: (585) 254-7574 EXT. 270.

TO ENSURE PROPER CREDIT, PLEASE INCLUDE YOUR ACCOUNT NUMBER ON YOUR CHECK AND RETURN THE BOTTOM PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE



(585) 494-3000
(585) 494-3003 (FAX)

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
Return Service Requested

IF PAYING BY CREDIT CARD, FILL OUT BELOW.		CHECK CARD USING FOR PAYMENT	
CARD NUMBER	AMOUNT PAID		
SIGNATURE	EXP. DATE		
ACCOUNT#	INVOICE DATE	INVOICE NUMBER	CHECK NO.
183-0000100-1836-4	04/01/2002	0000235-1836-8	
CURRENT	TOTAL DUE	AMOUNT	
10,579.75	10,579.75	ENCLOSED CONTINUED	

18361830000100000002350000105797500001057975 8

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
PO BOX 60448
ROCHESTER, NY 14606-0448





WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
(585) 494-3000
(585) 494-3003 (FAX)

INVOICE

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

LD
Acct No: 183-0000100-1836-4
Invoice No: 0000235-1836-8
04/01/2002
Page: 0002-0005

Ticket	Description	Quantity	Rate	Extended
208905	03/25/2002 VEH#:RVA79 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	15.82 TON	18.00	284.76 .17 284.93
208941	03/26/2002 VEH#:RVA89 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	18.99 TON	18.00	341.82 .20 342.02
208942	03/26/2002 VEH#:RVA87 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	16.23 TON	18.00	292.14 .17 292.31
208946	03/26/2002 VEH#:RVA84 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	19.24 TON	18.00	346.32 .20 346.52
208951	03/26/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	19.59 TON	18.00	352.62 .21 352.83
208970	03/26/2002 VEH#:RVA89 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	20.66 TON	18.00	371.88 .22 372.10
208973	03/26/2002 VEH#:RVA87 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE	17.76 TON	18.00	319.68 .19 319.87

(Continued on next page)

NET 10 DAYS
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TO ENSURE PROPER CREDIT, PLEASE INCLUDE YOUR ACCOUNT NUMBER ON YOUR CHECK AND RETURN THE BOTTOM PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE



(585) 494-3000
(585) 494-3003 (FAX)

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
Return Service Requested

IF PAYING BY CREDIT CARD, FILL OUT BELOW.		CHECK CARD USING FOR PAYMENT	
CARD NUMBER	AMOUNT PAID	<input type="checkbox"/>	<input type="checkbox"/>
SIGNATURE	EXP. DATE		
ACCOUNT#	INVOICE DATE	INVOICE NUMBER	CHEC NO.
183-0000100-1836-4	04/01/2002	0000235-1836-8	
CURRENT	TOTAL DUE	AMOUNT	
10,579.75	10,579.75	ENCLOSED CONTINUED	

18361830000100000002350000105797500001057975 8

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
PO BOX 60448
ROCHESTER, NY 14606-0448





WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
(585) 494-3000
(585) 494-3003 (FAX)

INVOICE

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

LD
Acct No: 183-0000100-1836-4
Invoice No: 0000235-1836-8
04/01/2002
Page: 0003-0005

Ticket	Description	Quantity	Rate	Extended
208976	03/26/2002 VEH#:RVA84 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	19.83 TON	18.00	356.94 .21 357.15
208981	03/26/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	18.57 TON	18.00	334.26 .20 334.46
209001	03/26/2002 VEH#:RVA89 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	22.04 TON	18.00	396.72 .23 396.95
209002	03/26/2002 VEH#:RVA87 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	20.32 TON	18.00	365.76 .21 365.97
209004	03/26/2002 VEH#:RVA84 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	20.27 TON	18.00	364.86 .21 365.07
209036	03/26/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	19.34 TON	18.00	348.12 .20 348.32
209050	03/26/2002 VEH#:RVA87 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	18.72 TON	18.00	336.96 .20 337.16

(Continued on next page)

NET 10 DAYS
PLEASE NOTE: THE REMIT ADDRESS HAS CHANGED.
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TO ENSURE PROPER CREDIT, PLEASE INCLUDE YOUR ACCOUNT NUMBER ON YOUR CHECK AND RETURN THE BOTTOM PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE



(585) 494-3000
(585) 494-3003 (FAX)

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
Return Service Requested

IF PAYING BY CREDIT CARD, FILL OUT BELOW.		CHECK CARD USING FOR PAYMENT	
CARD NUMBER	AMOUNT PAID	<input type="checkbox"/>	<input type="checkbox"/>
SIGNATURE	EXP. DATE		
ACCOUNT#	INVOICE DATE	INVOICE NUMBER	CHECK NO.
183-0000100-1836-4	04/01/2002	0000235-1836-8	
CURRENT	TOTAL DUE	AMOUNT	
10,579.75	10,579.75	ENCLOSED CONTINUED	

18361830000100000002350000105797500001057975 8

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
PO BOX 60448
ROCHESTER, NY 14606-0448





WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
(585) 494-3000
(585) 494-3003 (FAX)

INVOICE

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

LD
Acct No: 183-0000100-1836-4
Invoice No: 0000235-1836-8
04/01/2002
Page: 0004-0005

Ticket	Description	Quantity	Rate	Extended
209051	03/26/2002 VEH#:RVA89 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	20.85 TON	18.00	375.30 .22 375.52
209054	03/26/2002 VEH#:RVA84 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	19.92 TON	18.00	358.56 .21 358.77
209091	03/27/2002 VEH#:RVA89 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	16.33 TON	18.00	293.94 .17 294.11
209093	03/27/2002 VEH#:RVA87 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	15.70 TON	18.00	282.60 .16 282.76
209096	03/27/2002 VEH#:RVA84 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	15.12 TON	18.00	272.16 .16 272.32
209107	03/27/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	20.91 TON	18.00	376.38 .22 376.60
209138	03/27/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	22.83 TON	18.00	410.94 .24 411.18

(Continued on next page)

NET 10 DAYS
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(585) 494-3003 (FAX)

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
Return Service Requested

IF PAYING BY CREDIT CARD, FILL OUT BELOW.		CHECK CARD USING FOR PAYMENT	
CARD NUMBER	AMOUNT PAID		
SIGNATURE	EXP. DATE		
ACCOUNT#	INVOICE DATE	INVOICE NUMBER	CHECK NO.
183-0000100-1836-4	04/01/2002	0000235-1836-8	
CURRENT	TOTAL DUE	AMOUNT	
10,579.75	10,579.75	ENCLOSED CONTINUED	

18361830000100000002350000105797500001057975 8

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
PO BOX 60448
ROCHESTER, NY 14606-0448





WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
(585) 494-3000
(585) 494-3003 (FAX)

INVOICE

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

LD
Acct No: 183-0000100-1836-4
Invoice No: 0000235-1836-8
04/01/2002
Page: 0005-0005

Ticket	Description	Quantity	Rate	Extended
209173	03/27/2002 VEH#:RVA81 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	17.18 TON	18.00	309.24 .18 309.42
209215	03/28/2002 VEH#:RVA84 CONTAMINATED SOIL(C) GNRTR:ROCHES FUEL SURCHARGE Ticket Total	21.39 TON	18.00	385.02 .23 385.25
Total of current charges				10,579.75
Total Due				\$10,579.75

RECEIVED
APR - 3 2002

HARD HATS AND HIGH VISIBILITY
VEST MUST BE WORN AT THE
LANDFILL WORKING FACE

ACCOUNTS PAYABLE

Employee JAO Date 4/3/02
Approved for Payment:
Date 4/3/02 Signed [Signature]
Charged to Client:
N/A Office/Field Exp. [Signature]
TAGS 4/3/02 Project # Rocity 2495R-00
Task 2.0
Invoice # _____
Web be invoiced (date) 01/31/2002 12/31/2001 this week

Current 10,579.75 03/31/2002 02/28/2002 01/31/2002 12/31/2001

Check all items for accuracy.
Return within 5 days.

NET 10 DAYS
PLEASE NOTE: THE REMIT ADDRESS HAS CHANGED.
BILLING CALL: (585) 223-6132
PAYMENTS CALL: (585) 254-7574 EXT. 270.

TO ENSURE PROPER CREDIT, PLEASE INCLUDE YOUR ACCOUNT NUMBER ON YOUR CHECK AND RETURN THE BOTTOM PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE



(585) 494-3000
(585) 494-3003 (FAX)

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
303 BREW ROAD
BERGEN, NY 14416
Return Service Requested

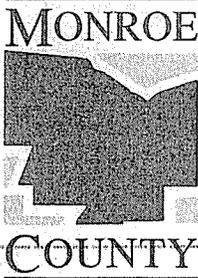
IF PAYING BY CREDIT CARD, FILL OUT BELOW.		CHECK CARD USING FOR PAYMENT	
CARD NUMBER	AMOUNT PAID	<input type="checkbox"/> VISA	<input type="checkbox"/> MasterCard
SIGNATURE	EXP. DATE		
ACCOUNT#	INVOICE DATE	INVOICE NUMBER	CHECK NO.
183-0000100-1836-4	04/01/2002	0000235-1836-8	
CURRENT	TOTAL DUE	AMOUNT ENCLOSED	
10,579.75	10,579.75		

18361830000100000002350000105797500001057975 8

183-0000100-1836-4
DAY ENVIRONMENTAL
40 COMMERCIAL STREET
PROFILE CV2180
ROCHESTER NY 14614-1008

WASTE MANAGEMENT OF NEW YORK
MILL SEAT LANDFILL
PO BOX 60448
ROCHESTER, NY 14606-0448





County of Monroe
Dept of Environmental Services
50 West Main Street
Rochester, NY 14614

Ticket No : 186010
Date : 11/13/01

Customer: D0195
Day Environmental, Inc.

Order No : 11120101
PETROLEUM CONTAMINATED SOIL
Loads : 1
Miles : 0
Tons : 0.00

40 Commercial Street
Rochester, NY 14614-1008

RVAB9
132 ADC-PETROL CONT SOIL
02004 C19 720 STG. II 11/13/01
Price/tn \$ 16.0000

Gross : 105680 Scale 1 In 11:54:41AM
Tare : 64820 Scale 2 In 12:11:22PM
Net : 40860 lb
20.430 tn

Weigh Master: KCS

Driver:

Remarks: DUMPING TRUCK ONLY

	Material \$	326.88
	Delvry \$	0.00
	Misc \$	0.00
	Tax \$	0.00
	Total \$	326.88

WM MILL SEAT LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
LOADS WILL BE REFUSED
HARD HATS REQUIRED ON WORKING FACE

TICKET: 209215
DATE: 03/28/2002
TIME: 08:33 - 08:48

CUSTOMER: 0100 / DAY ENV-CITY OF ROCHESTER

P. O. :

GENERATOR: 0001 / ROCHESTER, CITY 0

GROSS: 73220 LBS

ORIGIN: NC / MONROE COUNTY

TARE: 30440 LBS

TRUCK: RVA84

LICENSE:

NET: 42780 LBS

MANIFEST:

ROUTE: NA / Non App

COUNTY: NC / MONROE COUNTY

GRID: F27

PROFILE #: CV2180 / ROCHESTER, CITY(14-60 CHARLOTTE)SOIL(C)

COMMENT:

WASTE	NET/TONS	UNIT
08 / CONTAMINATED SOIL(C)	21.39	T
FUELSUR / FUEL SURCHARGE		T

Driver: JKU

Weighmaster: _____

IN: Jane Edkin

B: NYBERG01PC

OUT: Jane Edkin

B: NYBERG01PC

APPENDIX D

Tables

TABLE 1
INTERIM REMEDIAL MEASURE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
ANALYTICAL LABORATORY PROGRAM

Sample Number/Location	Date Collected	Matrix	Location	Analysis
#1A / North Wall (CS)	11/14/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
#1A / South Wall (CS)	11/14/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
#1A / East Wall (CS)	11/14/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
#1A / West Wall (CS)	11/14/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
#2A (CS)	11/14/01	Soil	28-34 Charlotte Street	8260 / 8270 / 310.13
#2B (CS)	11/14/01	Soil	28-34 Charlotte Street	8260 / 8270 / 310.13
#3A / North Wall (CS)	11/15/01	Soil	42 Charlotte Street	8260 / 8270 / 310.13
#3A / South Wall (CS)	11/15/01	Soil	42 Charlotte Street	8260 / 8270 / 310.13
#3A / East Wall (CS)	11/15/01	Soil	42 Charlotte Street	8260 / 8270 / 310.13
#3A / West Wall (CS)	11/15/01	Soil	42 Charlotte Street	8260 / 8270 / 310.13
Excavation #3A Water (CS)	11/15/01	Liquid	42 Charlotte Street	310.13
MW-13 / Groundwater (CS)	11/15/01	Liquid	Haags Alley	310.13
#4A (CS)	11/15/01	Soil	48-60 Charlotte Street	8260 / 8270 / 310.13
#4B (CS)	11/15/01	Soil	48-60 Charlotte Street	8260 / 8270 / 310.13
#1-1C @ 11.5' (CS)	11/19/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
#2-1C @ 11' (CS)	11/20/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
#101-1C @ 11' (CS)	11/20/01	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
1B - UST Contents	11/21/01	Liquid	14-16 Charlotte Street	310.13 / 8082 / 8240 / Ign. / 6010,7471
A @ 4-5' (CS)	3/26/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
A @ 13' (CS)	3/26/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
B @ 7.5' (CS)	3/27/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
B @ 8.5' (CS)	3/27/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
C @ 11.5' (CS)	3/27/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
D @ 12' (CS)	3/27/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
E @ 7' (CS)	3/28/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13
E @ 10' (CS)	3/28/02	Soil	14-16 Charlotte Street	8260 / 8270 / 310.13

8260 = TCL and STARS volatile organic compounds (VOCs)

8240 = TCL VOCs

8270 = STARS semi-volatile organic compounds (SVOCs)

310.13 = total petroleum hydrocarbons (TPH)

8082 = polychlorinated biphenyls (PCBs)

Ign. = Ignitability

6010,7471 = Total RCRA Metals

UST = Underground Storage Tank

CS = Confirmatory sample from excavation

TABLE 2
INTERIM REMEDIAL MEASURE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
TOTAL PETROLEUM HYDROCARBONS (TPH)
IN MG/KG OR PARTS PER MILLION (PPM)
SOIL SAMPLES

SAMPLE LOCATION	TPH TEST RESULTS (mg/kg or PPM)	
	TOTAL CONCENTRATION	HYDROCARBON WEIGHT AND IDENTIFICATION
#1A / North Wall	19	19 HW (lube oil)
#1A / South Wall	--	--
#1A / East Wall	8.44	8.44 HW (lube oil)
#1A / West Wall	--	--
#2A	--	--
#2B	--	--
#3A / North Wall	4,640	1,240 LW (mineral spirits*) 3,400 HW (lube oil)
#3A / South Wall	--	--
#3A / East Wall	--	--
#3A / West Wall	12	12 HW (lube oil)
#4A	12.1	12.1 HW (lube oil)
#4B	--	--
#1-1C	--	--
#2-1C	--	--
#101-1C	--	--
A @ 4-5'	--	--
A @ 13'	3,820	3,820 MW (Diesel Fuel)
B @ 7.5'	1,550	1,550 MW (Diesel Fuel)
B @ 8.5'	4,460	4,460 MW (Diesel Fuel)
C @ 11.5'	--	--
D @ 12'	--	--
E @ 7'	--	--
E @ 10'	--	--
NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVE ⁽¹⁾	NL	NL

- TPH = Total petroleum hydrocarbon analysis by NYSDOH Method 310.13
-- = Not detected at concentrations above reported analytical laboratory detection limits.
* = Laboratory reported that TPH identified as "mineral spirits" or "stoddard solvent".
LW = Light Weight hydrocarbons (e.g., gasoline)
MW = Medium Weight hydrocarbons (e.g., kerosene)
HW = Heavy Weight hydrocarbons (e.g., lube oil)
NL = Not listed in TAGM 4046.
Note: There currently are no cleanup objectives for TPH in New York State.

TABLE 3 (Page 1 of 4)

INTERIM REMEDIAL MEASURE

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED
VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN UG/KG OR PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION						NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVES (PPB) (1)
	#1A North Wall	#1A South Wall	#1A East Wall	#1A West Wall	#2A	#2B	
Ethylbenzene	--	--	--	--	--	--	5,500
Toluene	--	--	--	--	--	--	1,500
Total Xylenes	--	--	--	--	--	--	1,200
n-Propylbenzene	--	--	--	--	--	--	3,700
1,3,5-Trimethylbenzene	--	--	--	--	23.5	--	3,300
1,2,4-Trimethylbenzene	--	--	--	--	24.6	--	10,000
sec-Butylbenzene	--	--	--	--	--	--	10,000
n-Butylbenzene	--	--	--	--	--	--	10,000
Isopropylbenzene	--	--	--	--	--	--	2,300
p-Isopropyltoluene	--	--	--	--	--	--	10,000
tert-Butylbenzene	--	--	--	--	--	--	10,000
Total VOCs	0	0	0	0	48.1	0	10,000
Naphthalene	--	--	--	--	--	--	13,000

-- = Not detected at concentrations above reported analytical laboratory detection limits.

NA = Not available.

(1) = Recommended soil cleanup objectives as referenced in the January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by NYSDEC Table 1 dated December, 2000.

Bolded and **underlined** denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 3 (Page 2 of 4)

INTERIM REMEDIAL MEASURE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
SUMMARY OF DETECTED
VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN UG/KG OR PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION							NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVES (PPB) (1)
	#3A North Wall	#3A South Wall	#3A East Wall	#3A West Wall	#4A	#4B		
Ethylbenzene	15.1	--	--	--	--	--	5,500	
Toluene	--	--	--	--	--	--	1,500	
Total Xylenes	31.3	--	--	--	--	--	1,200	
n-Propylbenzene	117	--	--	--	--	--	3,700	
1,3,5-Trimethylbenzene	--	--	--	--	--	--	3,300	
1,2,4-Trimethylbenzene	28.7	--	--	--	--	--	10,000	
sec-Butylbenzene	127	--	--	--	--	--	10,000	
n-Butylbenzene	--	--	--	--	--	--	10,000	
Isopropylbenzene	55.1	--	--	--	--	--	2,300	
p-Isopropyltoluene	45.1	--	--	--	--	--	10,000	
tert-Butylbenzene	--	--	--	--	--	--	10,000	
Total VOCs	419.3	0	0	0	0	0	10,000	
Naphthalene	--	--	--	--	--	--	13,000	

-- = Not detected at concentrations above reported analytical laboratory detection limits.

NA = Not available.

(1) = Recommended soil cleanup objectives as referenced in the January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by NYSDEC Table 1 dated December, 2000.

Bolded and underlined denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 3 (Page 3 of 4)

INTERIM REMEDIAL MEASURE

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED
VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN UG/KG OR PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION						NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVES (PPB) (1)
	#1 - 1C	#2 - 1C	#101 - 1C	A @ 4.5'	A @ 13'	B @ 7.5'	
Ethylbenzene	--	--	--	--	605	33.5	5,500
Toluene	--	--	--	--	--	--	1,500
Total Xylenes	--	--	--	--	1,205	29	1,200
n-Propylbenzene	--	--	--	--	1,080	120	3,700
1,3,5-Trimethylbenzene	--	--	--	--	705	104	3,300
1,2,4-Trimethylbenzene	--	--	--	--	9,750	1,420	10,000
sec-Butylbenzene	--	--	--	--	853	141	10,000
n-Butylbenzene	--	--	--	--	--	--	10,000
Isopropylbenzene	--	--	--	--	431	43.4	2,300
p-Isopropyltoluene	--	--	--	--	1,240	326	10,000
tert-Butylbenzene	--	--	--	--	--	--	10,000
Total VOCs	0	0	0	0	15,869	2,216.9	10,000
Naphthalene	--	--	--	--	6,670	257	13,000

-- = Not detected at concentrations above reported analytical laboratory detection limits.

NA = Not available.

(1) = Recommended soil cleanup objectives as referenced in the January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by NYSDEC Table 1 dated December, 2000.

Bolded and underlined denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 3 (Page 4 of 4)

INTERIM REMEDIAL MEASURE

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED
VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN UG/KG OR PARTS PER BILLION (PPB)

SOIL SAMPLES

DETECTED VOCs	SAMPLE AND LOCATION						NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVES (PPB) (1)
	B @ 8.5'	C @ 11.5'	D @ 12'	E @ 7'	E @ 10'		
Ethylbenzene	584	--	--	--	--	--	5,500
Toluene	--	--	--	--	--	--	1,500
Total Xylenes	1,206	--	--	--	--	--	1,200
n-Propylbenzene	933	--	--	--	--	--	3,700
1,3,5-Trimethylbenzene	1,540	--	--	--	--	--	3,300
1,2,4-Trimethylbenzene	10,600	--	--	--	--	--	10,000
sec-Butylbenzene	714	--	--	--	--	--	10,000
n-Butylbenzene	--	--	--	--	--	--	10,000
Isopropylbenzene	342	--	--	--	--	--	2,300
p-Isopropyltoluene	1,610	--	--	--	--	--	10,000
tert-Butylbenzene	--	--	--	--	--	--	10,000
Total VOCs	17,529	0	0	0	0	0	10,000
Naphthalene	7,930	--	--	--	--	--	13,000

-- = Not detected at concentrations above reported analytical laboratory detection limits.

NA = Not available.

(1) = Recommended soil cleanup objectives as referenced in the January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by NYSDEC Table 1 dated December, 2000.

Bolded and **underlined** denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 4

INTERIM REMEDIAL MEASURE
 14-60 CHALOTTE STREET
 ROCHESTER, NEW YORK
 SUMMARY OF DETECTED
 SEMI-VOLATILE ORGANIC COMPOUND (SVOC) TEST RESULTS
 IN UG/KG OR PARTS PER BILLION (PPB)
 SOIL SAMPLES

SAMPLE AND LOCATION	DETECTED VOCs								Total SVOCs
	Naphthalene	Acenaphthene	Phenanthrene	Fluorene	Fluoranthene	Pyrene			
#1A North Wall	--	--	--	--	--	--	--	--	0
#1A South Wall	--	--	--	--	--	--	--	--	0
#1A East Wall	--	--	--	--	349	--	--	396	745
#1A West Wall	--	--	--	--	--	--	--	--	0
#2A	--	--	--	--	--	--	--	--	0
#2B	--	--	--	--	--	--	--	--	0
#3A North Wall	--	--	--	--	--	--	--	589	589
#3A South Wall	--	--	--	--	--	--	--	459	459
#3A East Wall	--	--	--	--	--	--	--	--	0
#3A West Wall	--	--	--	--	--	--	--	--	0
#4A	--	--	--	--	--	--	--	--	0
#4B	--	--	--	--	--	--	--	--	0
#1 - 1C	--	--	--	--	--	--	--	--	0
#2 - 1C	--	--	--	--	--	--	--	--	0
#101 - 1C	--	--	--	--	--	--	--	--	0
A @ 4-5'	--	--	--	--	--	--	--	--	0
A @ 13'	10,400	4,900	15,400	4,850	--	2,270	--	37,820	
B @ 7.5'	--	--	3,230	1,070	--	696	--	4,996	
B @ 8.5'	<u>18,500</u>	5,570	18,200	6,030	--	--	--	48,300	
C @ 11.5'	--	--	--	--	--	--	--	0	
D @ 12'	--	--	--	--	--	--	--	0	
E @ 7'	--	--	--	--	--	--	--	0	
E @ 10'	--	--	--	--	--	--	--	0	
NYSDEC TAGM 4046 RECOMMENDED SOIL CLEANUP OBJECTIVES (PPB) (1)	13,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000	

-- = Not detected at concentrations above reported analytical laboratory detection limits.

NA = Not available.

(1) = Recommended soil cleanup objectives as referenced in the January 1994, Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels as amended by NYSDEC Table 1 dated December, 2000.

Bolded and underlined denotes exceedance of the NYSDEC recommended soil cleanup objective.

TABLE 5
INTERIM REMEDIAL MEASURE
14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK
TOTAL PETROLEUM HYDROCARBONS (TPH)
IN UG/l OR PARTS PER BILLION (PPB)
LIQUID SAMPLES

SAMPLE DESIGNATION	LOCATION	TPH TEST RESULTS (PPB)
Excavation #3A Water	42 Charlotte Street	10,400 MW (mineral spirits) 27,800 HW (lube oil)
MW-13	Haags Alley	1,730 MW (mineral spirits)
1B-UST Contents	14-16 Charlotte Street	Pure Product MW (diesel fuel)

TPH = Total petroleum hydrocarbon analysis by NYSDOH Method 310.13
MW = Medium Weight
HW = Heavy Weight

TABLE 6

INTERIM REMEDIAL MEASURE

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

SUMMARY OF DETECTED
VOLATILE ORGANIC COMPOUND (VOC) TEST RESULTS
IN UG/KG OR PARTS PER BILLION (PPB)

SAMPLE OF UST CONTENTS

DETECTED VOCs	SAMPLE 1B UST CONTENTS TEST RESULTS (PPB)
Benzene	28,300
Ethylbenzene	190,000
Toluene	282,000
Total Xylenes	1,184,000
Total VOCs	1,684,300

TABLE 7
INTERIM REMEDIAL MEASURE
14-60 CHALOTTE STREET
ROCHESTER, NEW YORK
FLASHPOINT
SAMPLE OF UST CONTENTS

Field Location	Flashpoint Results (°C)
1B-UST Contents	31

TABLE 8
INTERIM REMEDIAL MEASURE
14-60 CHALOTTE STREET
ROCHESTER, NEW YORK
TOTAL RCRA METALS
IN MG/L OR PARTS PER MILLION (PPM)
SAMPLE OF UST CONTENTS

Sample 1B-UST Contents	
Analyte	Test Results (mg/L)
Arsenic	ND (<0.050)
Barium	0.497
Cadmium	ND (<0.050)
Chromium	ND (<0.100)
Lead	ND (<0.050)
Mercury	0.0074
Selenium	ND (<0.050)
Silver	ND (<0.100)

ND = Not detected at concentrations above the analytical laboratory detection limit shown in parentheses

TABLE 9

INTERIM REMEDIAL MEASURE

14-60 CHARLOTTE STREET
ROCHESTER, NEW YORK

POST IRM GROUNDWATER MONITORING FOR LNAPL

DATE	MW-A Water SWL	MW-A LNAPL	MW-B Water SWL	MW-B LNAPL
4/17/02	8.54	--	8.53	--
4/26/02	9.41	--	DRY	--
4/30/02	8.58	--	DRY	--
5/14/02	7.25	--	7.27	--
5/21/02	8.87	--	8.94	--
5/30/02	7.60	--	7.50	--
6/7/02	9.05	--	9.22	--
6/17/02	8.23	--	8.18	--
7/3/02	9.50	--	DRY	--
8/14/02	DRY*	--	DRY	--

Static water levels (SWL) and light non-aqueous phase liquid (LNAPL) levels measured using : 1) an electronic static water level and visual observations; or 2) a Heron Model HO1.L oil/water interface meter.

-- = Not detected.

* = Well Riser observed to b damaged and gravel observed inside well.

APPENDIX E

Analytical Laboratory Reports

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10353
Client Job Site: Charlotte St.
Sample Type: Soil
Client Job No.: 2485R-00
Date Sampled: 11/14/01
Field Location: #1A North Wall
Date Received: 11/16/01
Field ID No: N/A
Date Analyzed: 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Heavy Weight PHC as Lube Oil	19,000	8,210

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Fsd. Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10354
Client Job Site: Charlotte St.
Sample Type: Soil
Client Job No.: 2485R-00
Date Sampled: 11/14/01
Field Location: #1A South Wall
Date Received: 11/16/01
Field ID No: N/A
Date Analyzed: 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	7,860

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Fed: Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10355
Client Job Site: Charlotte St.
Sample Type: Soil
Client Job No.: 2485R-00
Date Sampled: 11/14/01
Field Location: #1A East Wall
Date Received: 11/16/01
Field ID No: N/A
Date Analyzed: 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Heavy Weight PHC as Lube Oil	8,440	7,810

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
For: Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10356
Client Job Site: Charlotte St.
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/14/01
Field Location: #1A West Wall **Date Received:** 11/16/01
Field ID No: N/A **Date Analyzed:** 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,180

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
For: Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10357
Client Job Site: Charlotte St.
Sample Type: Soil
Client Job No.: 2485R-00
Date Sampled: 11/15/2001
Date Received: 11/16/2001
Field Location: #3A North Wall
Date Analyzed: 11/27/2001
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Light Weight PHC as Mineral Spirits	1,240,000	8,330
Heavy Weight PHC as Lube Oil	3,400,000	8,330

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
For: Laboratory Director

**PARADIGM
Environmental
Services, Inc.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10358
Client Job Site: Charlotte St.
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/15/01
Field Location: #3A South Wall **Date Received:** 11/16/01
Field ID No: N/A **Date Analyzed:** 11/28/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,340

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
For: Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10359
Client Job Site: Charlotte St.
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/15/01
Field Location: #3A East Wall **Date Received:** 11/16/01
Field ID No: N/A **Date Analyzed:** 11/28/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,240

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
For: Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

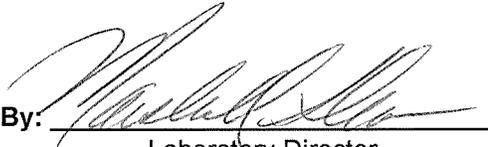
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10360
Client Job Site: Charlotte St.
Sample Type: Soil
Client Job No.: 2485R-00
Date Sampled: 11/15/01
Field Location: #3A West Wall
Date Received: 11/16/01
Field ID No: N/A
Date Analyzed: 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Heavy Weight PHC as Lube Oil	12,000	8,410

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
For: Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10361
Client Job Site: Charlotte St.
Sample Type: Soil
Client Job No.: 2485R-00
Date Sampled: 11/15/01
Field Location: #4A **Date Received:** 11/16/01
Field ID No: N/A **Date Analyzed:** 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Heavy Weight PHC as Lube Oil	12,100	7,560

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2866
Lab Sample No.: 10362
Client Job Site: Charlotte St.
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/15/01
Field Location: #4B **Date Received:** 11/16/01
Field ID No: N/A **Date Analyzed:** 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,090

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental

Client Job Site: Charlotte St.
Rochester

Client Job No.: 2485R-00

Field Location: #1A North Wall

Field ID No.: N/A

Lab Project No. 01-2866

Lab Sample No. 10353

Sample Type: Soil

Date Sampled: 11/14/01

Date Received: 11/16/01

Date Analyzed: 11/27/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 328
Acenaphthene	ND< 328
Fluorene	ND< 328
Fluoranthene	ND< 328
Anthracene	ND< 328
Phenanthrene	ND< 328
Benzo (a) anthracene	ND< 328
Chrysene	ND< 328
Pyrene	ND< 328
Benzo (b) fluoranthene	ND< 328
Benzo (k) fluoranthene	ND< 328
Benzo (g,h,i) perylene	ND< 328
Benzo (a) pyrene	ND< 328
Dibenz (a,h) anthracene	ND< 328
Indeno (1,2,3-cd) pyrene	ND< 328

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

Fed. Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10354

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/14/01

Field Location: #1A South Wall

Date Received: 11/16/01

Field ID No.: N/A

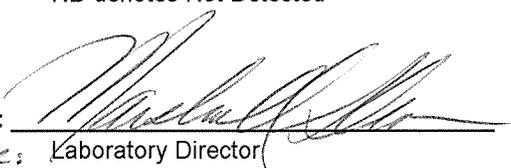
Date Analyzed: 11/27/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 314
Acenaphthene	ND< 314
Fluorene	ND< 314
Fluoranthene	ND< 314
Anthracene	ND< 314
Phenanthrene	ND< 314
Benzo (a) anthracene	ND< 314
Chrysene	ND< 314
Pyrene	ND< 314
Benzo (b) fluoranthene	ND< 314
Benzo (k) fluoranthene	ND< 314
Benzo (g,h,i) perylene	ND< 314
Benzo (a) pyrene	ND< 314
Dibenz (a,h) anthracene	ND< 314
Indeno (1,2,3-cd) pyrene	ND< 314

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

For: Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10355

Client Job Site: Charlotte St.

Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Field Location: #1A East Wall

Date Sampled: 11/14/01

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/27/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 312
Acenaphthene	ND< 312
Fluorene	ND< 312
Fluoranthene	349
Anthracene	ND< 312
Phenanthrene	ND< 312
Benzo (a) anthracene	ND< 312
Chrysene	ND< 312
Pyrene	396
Benzo (b) fluoranthene	ND< 312
Benzo (k) fluoranthene	ND< 312
Benzo (g,h,i) perylene	ND< 312
Benzo (a) pyrene	ND< 312
Dibenz (a,h) anthracene	ND< 312
Indeno (1,2,3-cd) pyrene	ND< 312

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

For: Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Client Job Site: Charlotte St.
Rochester

Client Job No.: 2485R-00

Field Location: #1A West Wall

Field ID No.: N/A

Lab Project No. 01-2866

Lab Sample No. 10356

Sample Type: Soil

Date Sampled: 11/14/01

Date Received: 11/16/01

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 327
Acenaphthene	ND< 327
Fluorene	ND< 327
Fluoranthene	ND< 327
Anthracene	ND< 327
Phenanthrene	ND< 327
Benzo (a) anthracene	ND< 327
Chrysene	ND< 327
Pyrene	ND< 327
Benzo (b) fluoranthene	ND< 327
Benzo (k) fluoranthene	ND< 327
Benzo (g,h,i) perylene	ND< 327
Benzo (a) pyrene	ND< 327
Dibenz (a,h) anthracene	ND< 327
Indeno (1,2,3-cd) pyrene	ND< 327

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

Fed: Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10357

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/15/01

Field Location: #3A North Wall

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 333
Acenaphthene	ND< 333
Fluorene	ND< 333
Fluoranthene	ND< 333
Anthracene	ND< 333
Phenanthrene	ND< 333
Benzo (a) anthracene	ND< 333
Chrysene	ND< 333
Pyrene	589
Benzo (b) fluoranthene	ND< 333
Benzo (k) fluoranthene	ND< 333
Benzo (g,h,i) perylene	ND< 333
Benzo (a) pyrene	ND< 333
Dibenz (a,h) anthracene	ND< 333
Indeno (1,2,3-cd) pyrene	ND< 333

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10358

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/15/01

Field Location: #3A South Wall

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 334
Acenaphthene	ND< 334
Fluorene	ND< 334
Fluoranthene	ND< 334
Anthracene	ND< 334
Phenanthrene	ND< 334
Benzo (a) anthracene	ND< 334
Chrysene	ND< 334
Pyrene	459
Benzo (b) fluoranthene	ND< 334
Benzo (k) fluoranthene	ND< 334
Benzo (g,h,i) perylene	ND< 334
Benzo (a) pyrene	ND< 334
Dibenz (a,h) anthracene	ND< 334
Indeno (1,2,3-cd) pyrene	ND< 334

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

For: Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10359

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/15/01

Field Location: #3A East Wall

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 330
Acenaphthene	ND< 330
Fluorene	ND< 330
Fluoranthene	ND< 330
Anthracene	ND< 330
Phenanthrene	ND< 330
Benzo (a) anthracene	ND< 330
Chrysene	ND< 330
Pyrene	ND< 330
Benzo (b) fluoranthene	ND< 330
Benzo (k) fluoranthene	ND< 330
Benzo (g,h,i) perylene	ND< 330
Benzo (a) pyrene	ND< 330
Dibenz (a,h) anthracene	ND< 330
Indeno (1,2,3-cd) pyrene	ND< 330

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

For: Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10360

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Field Location: #3A West Wall

Date Sampled: 11/15/01

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 337
Acenaphthene	ND< 337
Fluorene	ND< 337
Fluoranthene	ND< 337
Anthracene	ND< 337
Phenanthrene	ND< 337
Benzo (a) anthracene	ND< 337
Chrysene	ND< 337
Pyrene	ND< 337
Benzo (b) fluoranthene	ND< 337
Benzo (k) fluoranthene	ND< 337
Benzo (g,h,i) perylene	ND< 337
Benzo (a) pyrene	ND< 337
Dibenz (a,h) anthracene	ND< 337
Indeno (1,2,3-cd) pyrene	ND< 337

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

For: Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2866

Lab Sample No. 10361

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/15/01

Field Location: #4A

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 302
Acenaphthene	ND< 302
Fluorene	ND< 302
Fluoranthene	ND< 302
Anthracene	ND< 302
Phenanthrene	ND< 302
Benzo (a) anthracene	ND< 302
Chrysene	ND< 302
Pyrene	ND< 302
Benzo (b) fluoranthene	ND< 302
Benzo (k) fluoranthene	ND< 302
Benzo (g,h,i) perylene	ND< 302
Benzo (a) pyrene	ND< 302
Dibenz (a,h) anthracene	ND< 302
Indeno (1,2,3-cd) pyrene	ND< 302

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: 

FOR: Laboratory Director

PARADIGM

ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental

Lab Project No. 01-2866

Lab Sample No. 10362

Client Job Site: Charlotte St.
Rochester

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/15/01

Field Location: #4B

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/28/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 324
Acenaphthene	ND< 324
Fluorene	ND< 324
Fluoranthene	ND< 324
Anthracene	ND< 324
Phenanthrene	ND< 324
Benzo (a) anthracene	ND< 324
Chrysene	ND< 324
Pyrene	ND< 324
Benzo (b) fluoranthene	ND< 324
Benzo (k) fluoranthene	ND< 324
Benzo (g,h,i) perylene	ND< 324
Benzo (a) pyrene	ND< 324
Dibenz (a,h) anthracene	ND< 324
Indeno (1,2,3-cd) pyrene	ND< 324

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

FAC
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

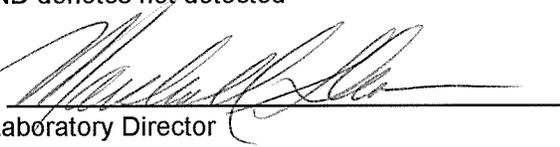
Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10353
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #1A North Wall **Date Sampled:** 11/14/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.63
Isopropylbenzene	ND< 9.63
n-Propylbenzene	ND< 9.63
1,3,5-Trimethylbenzene	ND< 9.63
tert-Butylbenzene	ND< 9.63
1,2,4-Trimethylbenzene	ND< 9.63
sec-Butylbenzene	ND< 9.63
p-Isopropyltoluene	ND< 9.63
n-Butylbenzene	ND< 9.63
Naphthalene	ND< 24.1

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 

For: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

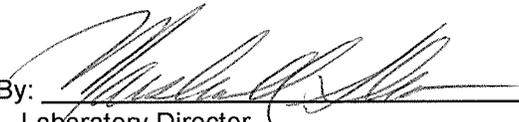
Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10354
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #1A South Wall **Date Sampled:** 11/14/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.76
Isopropylbenzene	ND< 9.76
n-Propylbenzene	ND< 9.76
1,3,5-Trimethylbenzene	ND< 9.76
tert-Butylbenzene	ND< 9.76
1,2,4-Trimethylbenzene	ND< 9.76
sec-Butylbenzene	ND< 9.76
p-Isopropyltoluene	ND< 9.76
n-Butylbenzene	ND< 9.76
Naphthalene	ND< 24.4

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
FOR: Laboratory Director

**PARADIGM
ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

**Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)**

Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10355
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #1A East Wall **Date Sampled:** 11/14/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.35
Isopropylbenzene	ND< 9.35
n-Propylbenzene	ND< 9.35
1,3,5-Trimethylbenzene	ND< 9.35
tert-Butylbenzene	ND< 9.35
1,2,4-Trimethylbenzene	ND< 9.35
sec-Butylbenzene	ND< 9.35
p-Isopropyltoluene	ND< 9.35
n-Butylbenzene	ND< 9.35
Naphthalene	ND< 23.4

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
FOIA: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10356
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #1A West Wall **Date Sampled:** 11/14/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 8.37
Isopropylbenzene	ND< 8.37
n-Propylbenzene	ND< 8.37
1,3,5-Trimethylbenzene	ND< 8.37
tert-Butylbenzene	ND< 8.37
1,2,4-Trimethylbenzene	ND< 8.37
sec-Butylbenzene	ND< 8.37
p-Isopropyltoluene	ND< 8.37
n-Butylbenzene	ND< 8.37
Naphthalene	ND< 20.9

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
For: Laboratory Director

**Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)**

Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10357
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/15/01
Field Location: #3A North Wall **Date Received:** 11/16/01
Field ID No.: N/A **Date Analyzed:** 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 12.4
Isopropylbenzene	55.1
n-Propylbenzene	117
1,3,5-Trimethylbenzene	ND< 12.4
tert-Butylbenzene	ND< 12.4
1,2,4-Trimethylbenzene	28.7
sec-Butylbenzene	127
p-Isopropyltoluene	45.1
n-Butylbenzene	ND< 12.4
Naphthalene	ND< 30.9

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____

For: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

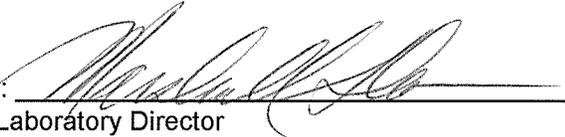
Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10358
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #3A South Wall **Date Sampled:** 11/15/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 8.92
Isopropylbenzene	ND< 8.92
n-Propylbenzene	ND< 8.92
1,3,5-Trimethylbenzene	ND< 8.92
tert-Butylbenzene	ND< 8.92
1,2,4-Trimethylbenzene	ND< 8.92
sec-Butylbenzene	ND< 8.92
p-Isopropyltoluene	ND< 8.92
n-Butylbenzene	ND< 8.92
Naphthalene	ND< 22.3

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Fid: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

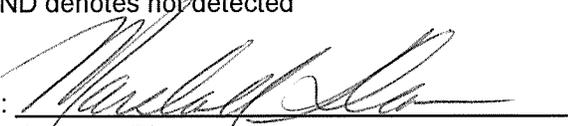
Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10359
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #3A East Wall **Date Sampled:** 11/15/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/26/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.39
Isopropylbenzene	ND< 9.39
n-Propylbenzene	ND< 9.39
1,3,5-Trimethylbenzene	ND< 9.39
tert-Butylbenzene	ND< 9.39
1,2,4-Trimethylbenzene	ND< 9.39
sec-Butylbenzene	ND< 9.39
p-Isopropyltoluene	ND< 9.39
n-Butylbenzene	ND< 9.39
Naphthalene	ND< 23.5

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
For: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10360
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #3A West Wall **Date Sampled:** 11/15/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 8.54
Isopropylbenzene	ND< 8.54
n-Propylbenzene	ND< 8.54
1,3,5-Trimethylbenzene	ND< 8.54
tert-Butylbenzene	ND< 8.54
1,2,4-Trimethylbenzene	ND< 8.54
sec-Butylbenzene	ND< 8.54
p-Isopropyltoluene	ND< 8.54
n-Butylbenzene	ND< 8.54
Naphthalene	ND< 21.3

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
For: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

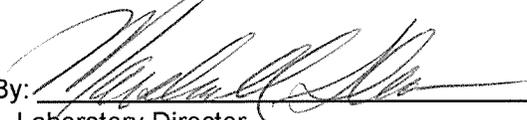
Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10361
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/15/01
Field Location: #4A **Date Received:** 11/16/01
Field ID No.: N/A **Date Analyzed:** 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 6.98
Isopropylbenzene	ND< 6.98
n-Propylbenzene	ND< 6.98
1,3,5-Trimethylbenzene	ND< 6.98
tert-Butylbenzene	ND< 6.98
1,2,4-Trimethylbenzene	ND< 6.98
sec-Butylbenzene	ND< 6.98
p-Isopropyltoluene	ND< 6.98
n-Butylbenzene	ND< 6.98
Naphthalene	ND< 17.4

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
For: Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2866
Client Job Site: Charlotte St. **Lab Sample No.:** 10362
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #4B **Date Sampled:** 11/15/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/21/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 7.03
Isopropylbenzene	ND< 7.03
n-Propylbenzene	ND< 7.03
1,3,5-Trimethylbenzene	ND< 7.03
tert-Butylbenzene	ND< 7.03
1,2,4-Trimethylbenzene	ND< 7.03
sec-Butylbenzene	ND< 7.03
p-Isopropyltoluene	ND< 7.03
n-Butylbenzene	ND< 7.03
Naphthalene	ND< 17.6

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
F. J. Laboratory Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
 Rochester, NY 14608
 (716) 647-2530 * (800) 724-1997
 FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO: INVOICE TO:

COMPANY: DAY ENVIRONMENTAL
 ADDRESS: 40 COMMERCIAL ST
 CITY: ROCHESTER
 STATE: NY
 ZIP: 14620
 PHONE: 484-0210
 ATTN: JEFF DANZINGER

LAB PROJECT #: 01-2866
 CLIENT PROJECT #: 2485R-00

TURNAROUND TIME: (WORKING DAYS)
 1 2 3 4 5

OTHER:

PROJECT NAME/SITE NAME:
 CHARLOTTE ST
 ROCHESTER

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 11/14/01	0720		X	#1A NORTH WALL	S	1	Bldg TLL + STAIRS B270 STAIRS TRH 810-13		10353
2	1322		X	#1A SOUTH WALL	S	1			10354
3	1450		X	#1A EAST WALL	S	1			10355
4	0725		X	#1A WEST WALL	S	1			10356
5 11/15/01	1530		X	#3A NORTH WALL	S	1			10357
6	1540		X	#3A SOUTH WALL	S	1			10358
7	1545		X	#3A EAST WALL	S	1			10359
8	1515		X	#3A WEST WALL	S	1			10360
9	1600		X	#4A	S	1			10361
10	1600		X	#4B	S	1			10362

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: PRESERVATIONS: CONTAINER TYPE: HOLDING TIME: TEMPERATURE: 23°C

Sampled By: *Agam Farrell* Date/Time: *11-16-01 1110*

Relinquished By: *Agam Farrell* Date/Time: *11-16-01 1110*

Received By: *Agam Farrell* Date/Time: *11-16-01 1110*

Relinquished By: *Agam Farrell* Date/Time: *11-16-01 1110*

Received By: *Agam Farrell* Date/Time: *11-16-01 1110*

Received @ Lab By: *Agam Farrell* Date/Time: *11-16-01 1558*

Total Cost:

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2865
Client Job Site: Charlotte St. **Lab Sample No.:** 10349
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #2A **Date Sampled:** 11/14/01
Field ID No.: N/A **Date Received:** 11/16/01
Date Analyzed: 11/19/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 7.60
Isopropylbenzene	ND< 7.60
n-Propylbenzene	ND< 7.60
1,3,5-Trimethylbenzene	23.5
tert-Butylbenzene	ND< 7.60
1,2,4-Trimethylbenzene	24.6
sec-Butylbenzene	ND< 7.60
p-Isopropyltoluene	ND< 7.60
n-Butylbenzene	ND< 7.60
Naphthalene	ND< 19.0

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

**PARADIGM
ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

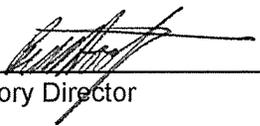
Client: Day Environmental Lab Project No: 01-2865
 Client Job Site: Charlotte St. Lab Sample No: 10350
 Client Job No: 2485R-00 Sample Type: Soil
 Field Location: #2B Date Sampled: 11/14/2001
 Field ID No: N/A Date Received: 11/16/2001
 Date Analyzed: 11/19/2001

VOLATILE HALOCARBONS		RESULTS (ug/Kg)	VOLATILE AROMATICS		RESULTS (ug/Kg)
Bromodichloromethane	ND<	7.79	Benzene	ND<	7.79
Bromomethane	ND<	7.79	Chlorobenzene	ND<	7.79
Bromoform	ND<	7.79	Ethylbenzene	ND<	7.79
Carbon tetrachloride	ND<	7.79	Toluene	ND<	7.79
Chloroethane	ND<	7.79	m,p - Xylene	ND<	7.79
Chloromethane	ND<	7.79	o - Xylene	ND<	7.79
2-Chloroethyl vinyl ether	ND<	7.79	Styrene	ND<	7.79
Chloroform	ND<	7.79			
Dibromochloromethane	ND<	7.79			
1,1-Dichloroethane	ND<	7.79			
1,2-Dichloroethane	ND<	7.79			
1,1-Dichloroethene	ND<	7.79			
cis-1,2-Dichloroethene	ND<	7.79			
trans-1,2-Dichloroethene	ND<	7.79			
1,2-Dichloropropane	ND<	7.79			
cis-1,3-Dichloropropene	ND<	7.79			
trans-1,3-Dichloropropene	ND<	7.79			
Methylene chloride	ND<	19.5			
1,1,2,2-Tetrachloroethane	ND<	7.79			
Tetrachloroethene	ND<	7.79			
1,1,1-Trichloroethane	ND<	7.79			
1,1,2-Trichloroethane	ND<	7.79			
Trichloroethene	ND<	7.79			
Vinyl Chloride	ND<	7.79			
			<u>Ketones & Misc.</u>		
			Acetone	ND<	38.9
			Vinyl acetate	ND<	19.5
			2-Butanone	ND<	19.5
			4-Methyl-2-pentanone	ND<	19.5
			2-Hexanone	ND<	19.5
			Carbon disulfide	ND<	19.5

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By 
 Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

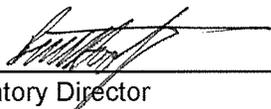
Client: Day Environmental Lab Project No.: 01-2865
Client Job Site: Charlotte St. Lab Sample No.: 10350
Client Job No.: 2485R-00 Sample Type: Soil
Field Location: #2B Date Sampled: 11/14/01
Field ID No.: N/A Date Received: 11/16/01
Date Analyzed: 11/19/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 7.79
Isopropylbenzene	ND< 7.79
n-Propylbenzene	ND< 7.79
1,3,5-Trimethylbenzene	ND< 7.79
tert-Butylbenzene	ND< 7.79
1,2,4-Trimethylbenzene	ND< 7.79
sec-Butylbenzene	ND< 7.79
p-Isopropyltoluene	ND< 7.79
n-Butylbenzene	ND< 7.79
Naphthalene	ND< 19.5

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

PARADIGM

**ENVIRONMENTAL
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179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2865

Lab Sample No. 10349

Client Job Site: Charlotte St

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/14/01

Field Location: #2A

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/27/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 308
Acenaphthene	ND< 308
Fluorene	ND< 308
Fluoranthene	ND< 308
Anthracene	ND< 308
Phenanthrene	ND< 308
Benzo (a) anthracene	ND< 308
Chrysene	ND< 308
Pyrene	ND< 308
Benzo (b) fluoranthene	ND< 308
Benzo (k) fluoranthene	ND< 308
Benzo (g,h,i) perylene	ND< 308
Benzo (a) pyrene	ND< 308
Dibenz (a,h) anthracene	ND< 308
Indeno (1,2,3-cd) pyrene	ND< 308

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____


Laboratory Director

PARADIGM

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179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 01-2865

Lab Sample No. 10350

Client Job Site: Charlotte St

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 11/14/01

Field Location: #2B

Date Received: 11/16/01

Field ID No.: N/A

Date Analyzed: 11/27/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 314
Acenaphthene	ND< 314
Fluorene	ND< 314
Fluoranthene	ND< 314
Anthracene	ND< 314
Phenanthrene	ND< 314
Benzo (a) anthracene	ND< 314
Chrysene	ND< 314
Pyrene	ND< 314
Benzo (b) fluoranthene	ND< 314
Benzo (k) fluoranthene	ND< 314
Benzo (g,h,i) perylene	ND< 314
Benzo (a) pyrene	ND< 314
Dibenz (a,h) anthracene	ND< 314
Indeno (1,2,3-cd) pyrene	ND< 314

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2865
Lab Sample No.: 10349
Client Job Site: Charlotte St **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/14/01
Date Received: 11/16/01
Field Location: #2A **Date Analyzed:** 11/27/01
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	7,700

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2865
Lab Sample No.: 10350
Client Job Site: Charlotte St **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/14/01
Field Location: #2B **Date Received:** 11/16/01
Field ID No: N/A **Date Analyzed:** 11/27/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	7,740

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
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Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client: Day Environmental **Lab Project No.:** 01-2865
Lab Sample No.: 10351
Client Job Site: Charlotte St **Sample Type:** Water
Client Job No.: 2486R-00 **Date Sampled:** 11/15/2001
Field Location: Excavation 3A Water **Date Received:** 11/16/2001
Field ID No: N/A **Date Analyzed:** 11/26/2001

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Medium Weight PHC as Mineral Spirits	10,400	250
Heavy Weight PHC as Lube Oil	27,800	250

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
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Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client: Day Environmental **Lab Project No.:** 01-2865
Lab Sample No.: 10352
Client Job Site: Charlotte St **Sample Type:** Water
Client Job No.: 2486R-00 **Date Sampled:** 11/15/2001
Field Location: MW-13 **Date Received:** 11/16/2001
Field ID No: N/A **Date Analyzed:** 11/26/2001

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Medium Weight PHC as Mineral Spirits	1,730	250

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: _____


Laboratory Director



Client: Day Environmental, Inc. **Lab Project No.:** 01-2898
Client Job Site: Charlotte Street **Lab Sample No.:** 10485
Client Job No.: 2485R-00 **Sample Type:** Liquid
Field Location: 1B - UST Contents **Date Sampled:** 11/21/2001
Field ID No.: N/A **Date Received:** 11/21/2001

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Arsenic	11/27/2001	EPA 6010	<0.050
Barium	11/27/2001	EPA 6010	0.497
Cadmium	11/27/2001	EPA 6010	<0.050
Chromium	11/27/2001	EPA 6010	<0.100
Lead	11/27/2001	EPA 6010	<0.050
Mercury	11/29/2001	EPA 7470	0.0074
Selenium	11/27/2001	EPA 6010	<0.050
Silver	11/27/2001	EPA 6010	<0.100

ELAP ID No.:10958

Comments:

Approved By: 
Laboratory Director

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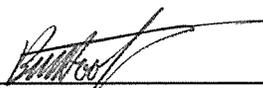
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2898
Lab Sample No.: 10482
Client Job Site: Charlotte St
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/19/01
Field Location: #1-1C **Date Received:** 11/21/01
Field ID No: N/A **Date Analyzed:** 11/29/01

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,150

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

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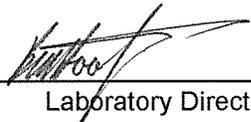
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2898
Lab Sample No.: 10483
Client Job Site: Charlotte St
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/20/01
Date Received: 11/21/01
Field Location: #2-1C **Date Analyzed:** 11/30/01
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,110

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

**PARADIGM
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Services, Inc.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

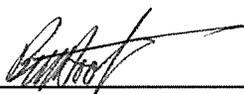
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 01-2898
Lab Sample No.: 10484
Client Job Site: Charlotte St
Rochester **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 11/20/01
Date Received: 11/21/01
Field Location: #101-1C **Date Analyzed:** 11/30/01
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	7,890

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

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179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons

Client: Day Environmental **Lab Project No.:** 01-2898
Lab Sample No.: 10485
Client Job Site: Charlotte St
Rochester **Sample Type:** Liquid
Client Job No.: 2485R-00 **Date Sampled:** 11/21/2001
Date Received: 11/21/2001
Field Location: 1B-UST Contents **Date Analyzed:** 11/29/2001
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Meduim Weight PHC as Diesel Fuel	Pure Product	N/A

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: ND denotes Not Detected.

Approved By: _____


Laboratory Director

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179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Polychlorinated Biphenyls Laboratory Analysis Report For Soil/Sludge/Oil

Client: Day Environmental **Lab Project No.:** 01-2898
Lab Sample No.: 10485
Client Job Site: Charlotte St.
Sample Type: Oil
Client Job No.: 2485R-00
Date Sampled: 11/21/01
Field Location: 1B - UST Contents
Date Received: 11/21/01
Field ID No: N/A
Date Analyzed: 11/27/01

Polychlorinated Biphenyl	Result (mg/Kg)	Reporting Limit (mg/Kg)
PCB 1016	ND	0.89
PCB 1221	ND	0.89
PCB 1232	ND	0.89
PCB 1242	ND	0.89
PCB 1248	ND	0.89
PCB 1254	ND	0.89
PCB 1260	ND	0.89

Analytical Method: EPA 8082

ELAP ID No.: 10958

Comments: ND denotes Not Detected.

Approved By: _____



Laboratory Director

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179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Client Job Site: Charlotte St.
Rochester

Client Job No.: 2485R-00

Field Location: #1-1C

Field ID No.: N/A

Lab Project No. 01-2898

Lab Sample No. 10482

Sample Type: Soil

Date Sampled: 11/19/01

Date Received: 11/21/01

Date Analyzed: 11/29/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 326
Acenaphthene	ND< 326
Fluorene	ND< 326
Fluoranthene	ND< 326
Anthracene	ND< 326
Phenanthrene	ND< 326
Benzo (a) anthracene	ND< 326
Chrysene	ND< 326
Pyrene	ND< 326
Benzo (b) fluoranthene	ND< 326
Benzo (k) fluoranthene	ND< 326
Benzo (g,h,i) perylene	ND< 326
Benzo (a) pyrene	ND< 326
Dibenz (a,h) anthracene	ND< 326
Indeno (1,2,3-cd) pyrene	ND< 326

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

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**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental

Client Job Site: Charlotte St.
Rochester

Client Job No.: 2485R-00

Field Location: #101-1C

Field ID No.: N/A

Lab Project No. 01-2898

Lab Sample No. 10484

Sample Type: Soil

Date Sampled: 11/20/01

Date Received: 11/21/01

Date Analyzed: 11/29/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 316
Acenaphthene	ND< 316
Fluorene	ND< 316
Fluoranthene	ND< 316
Anthracene	ND< 316
Phenanthrene	ND< 316
Benzo (a) anthracene	ND< 316
Chrysene	ND< 316
Pyrene	ND< 316
Benzo (b) fluoranthene	ND< 316
Benzo (k) fluoranthene	ND< 316
Benzo (g,h,i) perylene	ND< 316
Benzo (a) pyrene	ND< 316
Dibenz (a,h) anthracene	ND< 316
Indeno (1,2,3-cd) pyrene	ND< 316

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____


Laboratory Director

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Semi-Volatile Analysis Report For Solids (STARS List)

Client: Day Environmental

Client Job Site: Charlotte St.
Rochester

Client Job No.: 2485R-00

Field Location: #2-1C

Field ID No.: N/A

Lab Project No. 01-2898

Lab Sample No. 10483

Sample Type: Soil

Date Sampled: 11/20/01

Date Received: 11/21/01

Date Analyzed: 11/29/01

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 324
Acenaphthene	ND< 324
Fluorene	ND< 324
Fluoranthene	ND< 324
Anthracene	ND< 324
Phenanthrene	ND< 324
Benzo (a) anthracene	ND< 324
Chrysene	ND< 324
Pyrene	ND< 324
Benzo (b) fluoranthene	ND< 324
Benzo (k) fluoranthene	ND< 324
Benzo (g,h,i) perylene	ND< 324
Benzo (a) pyrene	ND< 324
Dibenz (a,h) anthracene	ND< 324
Indeno (1,2,3-cd) pyrene	ND< 324

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

PARADIGM ENVIRONMENTAL

SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge/Oil

Client:	<u>Day Environmental</u>	Lab Project No:	01-2898
Client Job Site:	Charlotte St Rochester	Lab Sample No:	10485
Client Job No:	2485R-00	Sample Type:	Oil
Field Location:	1B-UST Contents	Date Sampled:	11/21/01
Field ID No:	N/A	Date Received:	11/21/01
		Date Analyzed:	11/30/01

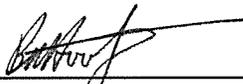
VOLATILE HALOCARBONS	RESULTS (ug/Kg)	VOLATILE AROMATICS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 8,000	Benzene	28,300
Bromomethane	ND< 8,000	Chlorobenzene	ND< 8,000
Bromoform	ND< 8,000	Ethylbenzene	190,000
Carbon tetrachloride	ND< 8,000	Toluene	282,000
Chloroethane	ND< 8,000	m,p - Xylene	798,000
Chloromethane	ND< 8,000	o - Xylene	386,000
2-Chloroethyl vinyl ether	ND< 8,000	Styrene	ND< 8,000
Chloroform	ND< 8,000		
Dibromochloromethane	ND< 8,000	Ketones & Misc.	
1,1-Dichloroethane	ND< 8,000	Acetone	ND< 40,000
1,2-Dichloroethane	ND< 8,000	Vinyl acetate	ND< 16,000
1,1-Dichloroethene	ND< 8,000	2-Butanone	ND< 16,000
trans-1,2-Dichloroethene	ND< 8,000	4-Methyl-2-pentanone	ND< 16,000
1,2-Dichloropropane	ND< 8,000	2-Hexanone	ND< 16,000
cis-1,3-Dichloropropene	ND< 8,000	Carbon disulfide	ND< 16,000
trans-1,3-Dichloropropene	ND< 8,000		
Methylene chloride	ND< 20,000		
1,1,2,2-Tetrachloroethane	ND< 8,000		
Tetrachloroethene	ND< 8,000		
1,1,1-Trichloroethane	ND< 8,000		
1,1,2-Trichloroethane	ND< 8,000		
Trichloroethene	ND< 8,000		
Vinyl Chloride	ND< 8,000		

Analytical Method: EPA 8260B

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By


Laboratory Director

**PARADIGM
ENVIRONMENTAL
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179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client: Day Environmental Lab Project No: 01-2898
 Client Job Site: Charlotte St. Lab Sample No: 10482
 Rochester
 Client Job No: 2485R-00 Sample Type: Soil
 Field Location: #1-1C Date Sampled: 11/19/2001
 Field ID No: N/A Date Received: 11/21/2001
 Date Analyzed: 11/28/2001

VOLATILE HALOCARBONS	RESULTS (ug/Kg)	VOLATILE AROMATICS	RESULTS (ug/Kg)
Bromodichloromethane	ND< 10.8	Benzene	ND< 10.8
Bromomethane	ND< 10.8	Chlorobenzene	ND< 10.8
Bromoform	ND< 10.8	Ethylbenzene	ND< 10.8
Carbon tetrachloride	ND< 10.8	Toluene	ND< 10.8
Chloroethane	ND< 10.8	m,p - Xylene	ND< 10.8
Chloromethane	ND< 10.8	o - Xylene	ND< 10.8
2-Chloroethyl vinyl ether	ND< 10.8	Styrene	ND< 10.8
Chloroform	ND< 10.8		
Dibromochloromethane	ND< 10.8		
1,1-Dichloroethane	ND< 10.8		
1,2-Dichloroethane	ND< 10.8		
1,1-Dichloroethene	ND< 10.8		
cis-1,2-Dichloroethene	ND< 10.8		
trans-1,2-Dichloroethene	ND< 10.8		
1,2-Dichloropropane	ND< 10.8		
cis-1,3-Dichloropropene	ND< 10.8		
trans-1,3-Dichloropropene	ND< 10.8		
Methylene chloride	ND< 27.0		
1,1,2,2-Tetrachloroethane	ND< 10.8		
Tetrachloroethene	ND< 10.8		
1,1,1-Trichloroethane	ND< 10.8		
1,1,2-Trichloroethane	ND< 10.8		
Trichloroethene	ND< 10.8		
Vinyl Chloride	ND< 10.8		
		<u>Ketones & Misc.</u>	
		Acetone	ND< 54.0
		Vinyl acetate	ND< 27.0
		2-Butanone	ND< 27.0
		4-Methyl-2-pentanone	ND< 27.0
		2-Hexanone	ND< 27.0
		Carbon disulfide	ND< 27.0

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By 
 Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2898
Client Job Site: Charlotte St. **Lab Sample No.:** 10482
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #1-1C **Date Sampled:** 11/19/01
Field ID No.: N/A **Date Received:** 11/21/01
Date Analyzed: 11/28/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 10.8
Isopropylbenzene	ND< 10.8
n-Propylbenzene	ND< 10.8
1,3,5-Trimethylbenzene	ND< 10.8
tert-Butylbenzene	ND< 10.8
1,2,4-Trimethylbenzene	ND< 10.8
sec-Butylbenzene	ND< 10.8
p-Isopropyltoluene	ND< 10.8
n-Butylbenzene	ND< 10.8
Naphthalene	ND< 27.0

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2898
Client Job Site: Charlotte St. **Lab Sample No.:** 10483
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #2-1C **Date Sampled:** 11/20/01
Field ID No.: N/A **Date Received:** 11/21/01
Date Analyzed: 11/28/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 11.0
Isopropylbenzene	ND< 11.0
n-Propylbenzene	ND< 11.0
1,3,5-Trimethylbenzene	ND< 11.0
tert-Butylbenzene	ND< 11.0
1,2,4-Trimethylbenzene	ND< 11.0
sec-Butylbenzene	ND< 11.0
p-Isopropyltoluene	ND< 11.0
n-Butylbenzene	ND< 11.0
Naphthalene	ND< 27.4

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

**PARADIGM
ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	<u>Day Environmental</u>	Lab Project No:	01-2898
Client Job Site:	Charlotte St. Rochester	Lab Sample No:	10484
Client Job No:	2485R-00	Sample Type:	Soil
Field Location:	#101-1C	Date Sampled:	11/20/2001
Field ID No:	N/A	Date Received:	11/21/2001
		Date Analyzed:	11/28/2001

VOLATILE HALOCARBONS		RESULTS (ug/Kg)	VOLATILE AROMATICS		RESULTS (ug/Kg)
Bromodichloromethane	ND<	7.10	Benzene	ND<	7.10
Bromomethane	ND<	7.10	Chlorobenzene	ND<	7.10
Bromoform	ND<	7.10	Ethylbenzene	ND<	7.10
Carbon tetrachloride	ND<	7.10	Toluene	ND<	7.10
Chloroethane	ND<	7.10	m,p - Xylene	ND<	7.10
Chloromethane	ND<	7.10	o - Xylene	ND<	7.10
2-Chloroethyl vinyl ether	ND<	7.10	Styrene	ND<	7.10
Chloroform	ND<	7.10			
Dibromochloromethane	ND<	7.10			
1,1-Dichloroethane	ND<	7.10			
1,2-Dichloroethane	ND<	7.10			
1,1-Dichloroethene	ND<	7.10			
cis-1,2-Dichloroethene	ND<	7.10			
trans-1,2-Dichloroethene	ND<	7.10			
1,2-Dichloropropane	ND<	7.10			
cis-1,3-Dichloropropene	ND<	7.10			
trans-1,3-Dichloropropene	ND<	7.10			
Methylene chloride	ND<	17.7			
1,1,2,2-Tetrachloroethane	ND<	7.10			
Tetrachloroethene	ND<	7.10			
1,1,1-Trichloroethane	ND<	7.10			
1,1,2-Trichloroethane	ND<	7.10			
Trichloroethene	ND<	7.10			
Vinyl Chloride	ND<	7.10			
			<u>Ketones & Misc.</u>		
			Acetone	ND<	35.5
			Vinyl acetate	ND<	17.7
			2-Butanone	ND<	17.7
			4-Methyl-2-pentanone	ND<	17.7
			2-Hexanone	ND<	17.7
			Carbon disulfide	ND<	17.7

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By  _____
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 01-2898
Client Job Site: Charlotte St. **Lab Sample No.:** 10484
Rochester
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: #101-1C **Date Sampled:** 11/20/01
Field ID No.: N/A **Date Received:** 11/21/01
Date Analyzed: 11/28/01

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 7.10
Isopropylbenzene	ND< 7.10
n-Propylbenzene	ND< 7.10
1,3,5-Trimethylbenzene	ND< 7.10
tert-Butylbenzene	ND< 7.10
1,2,4-Trimethylbenzene	ND< 7.10
sec-Butylbenzene	ND< 7.10
p-Isopropyltoluene	ND< 7.10
n-Butylbenzene	ND< 7.10
Naphthalene	ND< 17.7

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
 Rochester, NY 14608
 (716) 647-2530 * (800) 724-1997
 FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO: INVOICE TO:

COMPANY: *Day Environmental* COMPANY: *SAME* LAB PROJECT #: *01-2898* CLIENT PROJECT #: *2485R-00*

ADDRESS: *40 Commercial Street* ADDRESS: *STATE: ZIP:* TURNAROUND TIME: (WORKING DAYS)

CITY: *Rochester* CITY: *STATE:* STATE: *NY* STATE: *14614* STATE: *1* 2 3 5

PHONE: *454-0210* PHONE: *454-0825* PHONE: *1* 2 3 5

ATTN: *JEFF DANZINGER* ATTN: *1* 2 3 5

COMMENTS:

PROJECT NAME/SITE NAME:
*Charlotte St
 Rochester*

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINERS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 11/19/01	1106		X	#1 - 1C	Soil	1	B266 TCL+STARS B270 STARS TPH 310.13 PCB ignitability PCRA meth (ml)		10482
2 11/20/01	0800		X	#2 - 1C	Soil	1	B266 TCL+STARS B270 STARS TPH 310.13 PCB ignitability PCRA meth (ml)		10483
3 11/20/01	1145		X	#101 - 1C	Soil	1	B266 TCL+STARS B270 STARS TPH 310.13 PCB ignitability PCRA meth (ml)		10484
4 11/21/01	1440		X	1B - UST Contents	Liquid	1	B266 TCL+STARS B270 STARS TPH 310.13 PCB ignitability PCRA meth (ml)		10485
5									
6									
7									
8									
9									
10									

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation: CONTAINER TYPE: PRESERVATIONS: HOLDING TIME: TEMPERATURE:

Sampled By: *[Signature]* Date/Time: *11/21/01 @ 1600* Relinquished By: *[Signature]* Date/Time: *11/21/01 4:00 PM*

Received By: *[Signature]* Date/Time: *11/21/01 4:00 PM* P.I.F. *[Signature]*

Total Cost:

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

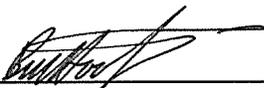
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Client Job Site: RoCity **Lab Sample No.:** 3161
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: E (10.0') **Date Sampled:** 03/28/02
Field ID No: N/A **Date Received:** 03/28/02
Date Analyzed: 04/01/02

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	7,930

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3162
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/28/02
Date Received: 03/28/02
Field Location: E (7.0') **Date Analyzed:** 04/01/02
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,330

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3163
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/27/02
Field Location: B (8.5') **Date Received:** 03/28/02
Field ID No: N/A **Date Analyzed:** 04/01/02

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	4,460,000	7,900

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3164
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/27/02
Field Location: B (7.5') **Date Received:** 03/28/02
Field ID No: N/A **Date Analyzed:** 04/01/02

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	1,550,000	8,000

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3165
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/27/02
Field Location: C (11.5') **Date Received:** 03/28/02
Field ID No: N/A **Date Analyzed:** 04/01/02

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	7,670

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
Environmental
Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3166
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/27/02
Field Location: D (12.0') **Date Received:** 03/28/02
Field ID No: N/A **Date Analyzed:** 04/01/02

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,430

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
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Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

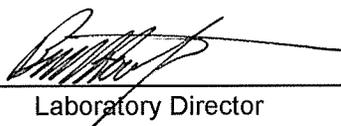
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3167
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/26/02
Field Location: A (13.0') **Date Received:** 03/28/02
Field ID No: N/A **Date Analyzed:** 04/01/02

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Medium Weight PHC as Diesel Fuel	3,820,000	7,800

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM
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Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

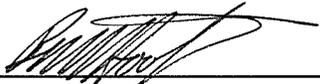
Laboratory Analysis For Petroleum Hydrocarbons in Soil/Solid Matrix

Client: Day Environmental **Lab Project No.:** 02-0758
Lab Sample No.: 3168
Client Job Site: RoCity **Sample Type:** Soil
Client Job No.: 2485R-00 **Date Sampled:** 03/26/02
Date Received: 03/28/02
Field Location: A (4-5') **Date Analyzed:** 04/01/02
Field ID No: N/A

Petroleum Hydrocarbon	Result (ug/Kg)	Reporting Limit (ug/Kg)
Petroleum Hydrocarbon	BDL	8,230

N.Y.D.O.H. Analytical Method: 310.13 modified ELAP ID No.: 10958

Comments: BDL denotes Below Detection Limit

Approved By: 
Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Client Job Site: RoCity

Lab Sample No. 3161

Client Job No.: 2485R-00

Sample Type: Soil

Field Location: E (10.0')

Date Sampled: 03/28/02

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/01/02

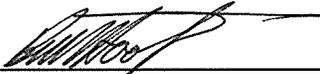
COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 317
Acenaphthene	ND< 317
Fluorene	ND< 317
Fluoranthene	ND< 317
Anthracene	ND< 317
Phenanthrene	ND< 317
Benzo (a) anthracene	ND< 317
Chrysene	ND< 317
Pyrene	ND< 317
Benzo (b) fluoranthene	ND< 317
Benzo (k) fluoranthene	ND< 317
Benzo (g,h,i) perylene	ND< 317
Benzo (a) pyrene	ND< 317
Dibenz (a,h) anthracene	ND< 317
Indeno (1,2,3-cd) pyrene	ND< 317

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____


Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Lab Sample No. 3162

Client Job Site: RoCity

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 03/28/02

Field Location: E (7.0')

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/01/02

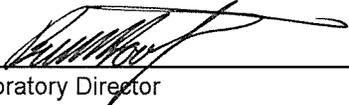
COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 333
Acenaphthene	ND< 333
Fluorene	ND< 333
Fluoranthene	ND< 333
Anthracene	ND< 333
Phenanthrene	ND< 333
Benzo (a) anthracene	ND< 333
Chrysene	ND< 333
Pyrene	ND< 333
Benzo (b) fluoranthene	ND< 333
Benzo (k) fluoranthene	ND< 333
Benzo (g,h,i) perylene	ND< 333
Benzo (a) pyrene	ND< 333
Dibenz (a,h) anthracene	ND< 333
Indeno (1,2,3-cd) pyrene	ND< 333

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____


Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Lab Sample No. 3163

Client Job Site: RoCity

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 03/27/02

Field Location: B (8.5')

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/02/02

COMPOUND	RESULT (ug/Kg)
Naphthalene	18,500
Acenaphthene	5,570
Fluorene	6,030
Fluoranthene	ND< 3,160
Anthracene	ND< 3,160
Phenanthrene	18,200
Benzo (a) anthracene	ND< 3,160
Chrysene	ND< 3,160
Pyrene	ND< 3,160
Benzo (b) fluoranthene	ND< 3,160
Benzo (k) fluoranthene	ND< 3,160
Benzo (g,h,i) perylene	ND< 3,160
Benzo (a) pyrene	ND< 3,160
Dibenz (a,h) anthracene	ND< 3,160
Indeno (1,2,3-cd) pyrene	ND< 3,160

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Lab Sample No. 3164

Client Job Site: RoCity

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 03/27/02

Field Location: B (7.5')

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/01/02

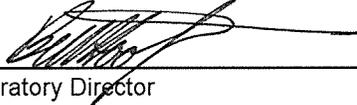
COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 320
Acenaphthene	ND< 320
Fluorene	1,070
Fluoranthene	ND< 320
Anthracene	ND< 320
Phenanthrene	3,230
Benzo (a) anthracene	ND< 320
Chrysene	ND< 320
Pyrene	696
Benzo (b) fluoranthene	ND< 320
Benzo (k) fluoranthene	ND< 320
Benzo (g,h,i) perylene	ND< 320
Benzo (a) pyrene	ND< 320
Dibenz (a,h) anthracene	ND< 320
Indeno (1,2,3-cd) pyrene	ND< 320

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____


Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Lab Sample No. 3165

Client Job Site: RoCity

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 03/27/02

Field Location: C (11.5')

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/01/02

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 307
Acenaphthene	ND< 307
Fluorene	ND< 307
Fluoranthene	ND< 307
Anthracene	ND< 307
Phenanthrene	ND< 307
Benzo (a) anthracene	ND< 307
Chrysene	ND< 307
Pyrene	ND< 307
Benzo (b) fluoranthene	ND< 307
Benzo (k) fluoranthene	ND< 307
Benzo (g,h,i) perylene	ND< 307
Benzo (a) pyrene	ND< 307
Dibenz (a,h) anthracene	ND< 307
Indeno (1,2,3-cd) pyrene	ND< 307

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____


Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Client Job Site: RoCity

Lab Sample No. 3166

Client Job No.: 2485R-00

Sample Type: Soil

Field Location: D (12.0')

Date Sampled: 03/27/02

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/01/02

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 313
Acenaphthene	ND< 313
Fluorene	ND< 313
Fluoranthene	ND< 313
Anthracene	ND< 313
Phenanthrene	ND< 313
Benzo (a) anthracene	ND< 313
Chrysene	ND< 313
Pyrene	ND< 313
Benzo (b) fluoranthene	ND< 313
Benzo (k) fluoranthene	ND< 313
Benzo (g,h,i) perylene	ND< 313
Benzo (a) pyrene	ND< 313
Dibenz (a,h) anthracene	ND< 313
Indeno (1,2,3-cd) pyrene	ND< 313

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Lab Project No. 02-0758

Lab Sample No. 3167

Client Job Site: RoCity

Sample Type: Soil

Client Job No.: 2485R-00

Date Sampled: 03/26/02

Field Location: A (13.0')

Date Received: 03/28/02

Field ID No.: N/A

Date Analyzed: 04/02/02

COMPOUND	RESULT (ug/Kg)
Naphthalene	10,400
Acenaphthene	4,900
Fluorene	4,850
Fluoranthene	ND< 1,560
Anthracene	ND< 1,560
Phenanthrene	15,400
Benzo (a) anthracene	ND< 1,560
Chrysene	ND< 1,560
Pyrene	2,270
Benzo (b) fluoranthene	ND< 1,560
Benzo (k) fluoranthene	ND< 1,560
Benzo (g,h,i) perylene	ND< 1,560
Benzo (a) pyrene	ND< 1,560
Dibenz (a,h) anthracene	ND< 1,560
Indeno (1,2,3-cd) pyrene	ND< 1,560

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

PARADIGM

**ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Solids (STARS List)

Client: **Day Environmental**

Client Job Site: RoCity

Client Job No.: 2485R-00

Field Location: A (4-5')

Field ID No.: N/A

Lab Project No. 02-0758

Lab Sample No. 3168

Sample Type: Soil

Date Sampled: 03/26/02

Date Received: 03/28/02

Date Analyzed: 04/01/02

COMPOUND	RESULT (ug/Kg)
Naphthalene	ND< 329
Acenaphthene	ND< 329
Fluorene	ND< 329
Fluoranthene	ND< 329
Anthracene	ND< 329
Phenanthrene	ND< 329
Benzo (a) anthracene	ND< 329
Chrysene	ND< 329
Pyrene	ND< 329
Benzo (b) fluoranthene	ND< 329
Benzo (k) fluoranthene	ND< 329
Benzo (g,h,i) perylene	ND< 329
Benzo (a) pyrene	ND< 329
Dibenz (a,h) anthracene	ND< 329
Indeno (1,2,3-cd) pyrene	ND< 329

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____

Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental **Lab Project No.:** 02-0758
Client Job Site: RoCity **Lab Sample No.:** 3161
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: E (10.0') **Date Sampled:** 03/28/02
Field ID No.: N/A **Date Received:** 03/28/02
Date Analyzed: 03/28/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 6.83
Isopropylbenzene	ND< 6.83
n-Propylbenzene	ND< 6.83
1,3,5-Trimethylbenzene	ND< 6.83
tert-Butylbenzene	ND< 6.83
1,2,4-Trimethylbenzene	ND< 6.83
sec-Butylbenzene	ND< 6.83
p-Isopropyltoluene	ND< 6.83
n-Butylbenzene	ND< 6.83
Naphthalene	ND< 17.1

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental Lab Project No.: 02-0758
Client Job Site: RoCity Lab Sample No.: 3162
Client Job No.: 2485R-00 Sample Type: Soil
Field Location: E (7.0') Date Sampled: 03/28/02
Field ID No.: N/A Date Received: 03/28/02
Date Analyzed: 03/28/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.23
Isopropylbenzene	ND< 9.23
n-Propylbenzene	ND< 9.23
1,3,5-Trimethylbenzene	ND< 9.23
tert-Butylbenzene	ND< 9.23
1,2,4-Trimethylbenzene	ND< 9.23
sec-Butylbenzene	ND< 9.23
p-Isopropyltoluene	ND< 9.23
n-Butylbenzene	ND< 9.23
Naphthalene	ND< 23.1

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

Client: Day Environmental Lab Project No.: 02-0758
Client Job Site: RoCity Lab Sample No.: 3163
Client Job No.: 2485R-00 Sample Type: Soil
Field Location: B (8.5') Date Sampled: 03/27/02
Field ID No.: N/A Date Received: 03/28/02
Date Analyzed: 03/28/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 80.8
Isopropylbenzene	342
n-Propylbenzene	933
1,3,5-Trimethylbenzene	1,540
tert-Butylbenzene	ND< 80.8
1,2,4-Trimethylbenzene	10,600
sec-Butylbenzene	714
p-Isopropyltoluene	1,610
n-Butylbenzene	ND< 80.8
Naphthalene	7,930

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

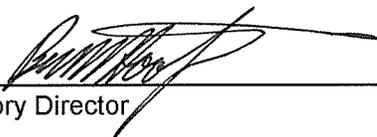
Client: Day Environmental Lab Project No.: 02-0758
Client Job Site: RoCity Lab Sample No.: 3164
Client Job No.: 2485R-00 Sample Type: Soil
Field Location: B (7.5') Date Sampled: 03/27/02
Field ID No.: N/A Date Received: 03/28/02
Date Analyzed: 03/28/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 28.6
Isopropylbenzene	43.4
n-Propylbenzene	120
1,3,5-Trimethylbenzene	104
tert-Butylbenzene	ND< 28.6
1,2,4-Trimethylbenzene	1,420
sec-Butylbenzene	141
p-Isopropyltoluene	326
n-Butylbenzene	ND< 28.6
Naphthalene	257

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

**PARADIGM
ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

**Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)**

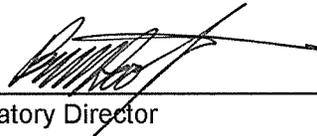
Client: Day Environmental **Lab Project No.:** 02-0758
Client Job Site: RoCity **Lab Sample No.:** 3165
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: C (11.5') **Date Sampled:** 03/27/02
Field ID No.: N/A **Date Received:** 03/28/02
Date Analyzed: 03/29/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 9.79
Isopropylbenzene	ND< 9.79
n-Propylbenzene	ND< 9.79
1,3,5-Trimethylbenzene	ND< 9.79
tert-Butylbenzene	ND< 9.79
1,2,4-Trimethylbenzene	ND< 9.79
sec-Butylbenzene	ND< 9.79
p-Isopropyltoluene	ND< 9.79
n-Butylbenzene	ND< 9.79
Naphthalene	ND< 24.5

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

**PARADIGM
ENVIRONMENTAL
SERVICES, INC.**

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Organic Compound Laboratory Analysis Report For Soil/Sludge

Client:	<u>Day Environmental</u>	Lab Project No:	02-0758
Client Job Site:	RoCity	Lab Sample No:	3166
Client Job No:	2485R-00	Sample Type:	Soil
Field Location:	D (12.0')	Date Sampled:	03/27/2002
Field ID No:	N/A	Date Received:	03/28/2002
		Date Analyzed:	03/29/2002

VOLATILE HALOCARBONS		RESULTS (ug/Kg)	VOLATILE AROMATICS		RESULTS (ug/Kg)
Bromodichloromethane	ND<	8.77	Benzene	ND<	8.77
Bromomethane	ND<	8.77	Chlorobenzene	ND<	8.77
Bromoform	ND<	8.77	Ethylbenzene	ND<	8.77
Carbon tetrachloride	ND<	8.77	Toluene	ND<	8.77
Chloroethane	ND<	8.77	m,p - Xylene	ND<	8.77
Chloromethane	ND<	8.77	o - Xylene	ND<	8.77
2-Chloroethyl vinyl ether	ND<	8.77	Styrene	ND<	8.77
Chloroform	ND<	8.77			
Dibromochloromethane	ND<	8.77			
1,1-Dichloroethane	ND<	8.77			
1,2-Dichloroethane	ND<	8.77			
1,1-Dichloroethene	ND<	8.77			
cis-1,2-Dichloroethene	ND<	8.77			
trans-1,2-Dichloroethene	ND<	8.77			
1,2-Dichloropropane	ND<	8.77			
cis-1,3-Dichloropropene	ND<	8.77			
trans-1,3-Dichloropropene	ND<	8.77			
Methylene chloride	ND<	21.9			
1,1,2,2-Tetrachloroethane	ND<	8.77			
Tetrachloroethene	ND<	8.77			
1,1,1-Trichloroethane	ND<	8.77			
1,1,2-Trichloroethane	ND<	8.77			
Trichloroethene	ND<	8.77			
Vinyl Chloride	ND<	8.77			
			<u>Ketones & Misc.</u>		
			Acetone	ND<	43.9
			Vinyl acetate	ND<	21.9
			2-Butanone	ND<	21.9
			4-Methyl-2-pentanone	ND<	21.9
			2-Hexanone	ND<	21.9
			Carbon disulfide	ND<	21.9

Analytical Method: EPA 8260

ELAP ID No: 10958

Comments: ND denotes Not Detected

Approved By 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

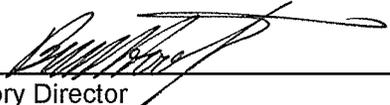
Client: Day Environmental **Lab Project No.:** 02-0758
Client Job Site: RoCity **Lab Sample No.:** 3166
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: D (12.0') **Date Sampled:** 03/27/02
Field ID No.: N/A **Date Received:** 03/28/02
Date Analyzed: 03/29/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 8.77
Isopropylbenzene	ND< 8.77
n-Propylbenzene	ND< 8.77
1,3,5-Trimethylbenzene	ND< 8.77
tert-Butylbenzene	ND< 8.77
1,2,4-Trimethylbenzene	ND< 8.77
sec-Butylbenzene	ND< 8.77
p-Isopropyltoluene	ND< 8.77
n-Butylbenzene	ND< 8.77
Naphthalene	ND< 21.9

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

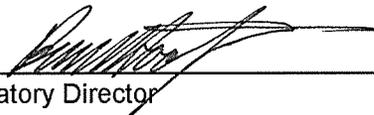
Client: Day Environmental **Lab Project No.:** 02-0758
Client Job Site: RoCity **Lab Sample No.:** 3167
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: A (13.0') **Date Sampled:** 03/26/02
Field ID No.: N/A **Date Received:** 03/28/02
Date Analyzed: 03/29/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 79.1
Isopropylbenzene	431
n-Propylbenzene	1,080
1,3,5-Trimethylbenzene	705
tert-Butylbenzene	ND< 79.1
1,2,4-Trimethylbenzene	9,750
sec-Butylbenzene	853
p-isopropyltoluene	1,240
n-Butylbenzene	ND< 79.1
Naphthalene	6,670

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

Volatile Aromatic Analysis Report For Soil/Sludge
(Additional 8260 Compounds)

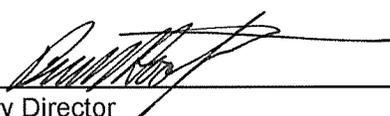
Client: Day Environmental **Lab Project No.:** 02-0758
Client Job Site: RoCity **Lab Sample No.:** 3168
Client Job No.: 2485R-00 **Sample Type:** Soil
Field Location: A (4-5') **Date Sampled:** 03/26/02
Field ID No.: N/A **Date Received:** 03/28/02
Date Analyzed: 03/29/02

VOLATILE AROMATICS	RESULTS (ug/Kg)
Methyl tert-Butyl Ether	ND< 10.7
Isopropylbenzene	ND< 10.7
n-Propylbenzene	ND< 10.7
1,3,5-Trimethylbenzene	ND< 10.7
tert-Butylbenzene	ND< 10.7
1,2,4-Trimethylbenzene	ND< 10.7
sec-Butylbenzene	ND< 10.7
p-Isopropyltoluene	ND< 10.7
n-Butylbenzene	ND< 10.7
Naphthalene	ND< 53.5

Analytical Method: EPA 8260

NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: 
Laboratory Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
 Rochester, NY 14608
 (716) 647-2530 * (800) 724-1997
 FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO: **DAY ENVIRONMENTAL** INVOICE TO: **SAME**

COMPANY: **DAY ENVIRONMENTAL** LAB PROJECT #: **02-058** CLIENT PROJECT #:

ADDRESS: **40 COMMERCIAL ST** ADDRESS: **ROCHESTER** TURNAROUND TIME: (WORKING DAYS)

CITY: **ROCHESTER** STATE: **NV** CITY: **ROCHESTER** STATE: **NV** ZIP: **14614** ZIP: **14614**

PHONE: **585 454-0210** PHONE: **585 454-0825** PHONE: **585 454-0825**

ATTN: **Jeff Donzinger** ATTN: **Jeff Donzinger** ATTN: **Jeff Donzinger**

PROJECT NAME/SITE NAME: **Rocity 2485R-00**

COMMENTS: **TPH 310.13**

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	TPH 310.13	8260 STARS TCL	8770 STARS SVOC	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/28/02	0810	X	E (10.0')	soil	1	X	X	X		3161
2	3/28/02	0810	X	E (7.0')	soil	1	X	X	X		3162
3	3/27/02	0845	X	B (8.5')	soil	1	X	X	X		3163
4	3/27/02	0845	X	B (7.5')	soil	1	X	X	X		3164
5	3/27/02	1125	X	C (11.5')	soil	1	X	X	X		3165
6	3/27/02	1125	X	D (12.0')	soil	1	X	X	X		3166
7	3/26/02	1120	X	A (13.0')	soil	1	X	X	X		3167
8	3/26/02	1115	X	A (4.5')	soil	1	X	X	X		3168
9											
10											

****LAB USE ONLY****

SAMPLE CONDITION: Check box if acceptable or note deviation: PRESERVATIONS: CONTAINER TYPE: HOLDING TIME: TEMPERATURE: 16

Sampled By: **Jeff Donzinger** Date/Time: **3/28/02 0915**

Relinquished By: **Jeff Donzinger** Date/Time: **3/28/02 0920**

Received By: **John J. Caloia** Date/Time: **3/28/02-1145**

Received @ Lab By: **John J. Caloia** Date/Time: **3/28/02-1145**

Total Cost:



IN-PLACE DENSITY TEST RESULTS

PROJECT: CHARLOTTE STREET

PROJECT NO: RCH-01-394

CLIENT: DAY ENVIRONMENTAL, INC.

DATE: 11/15/01 PG. 1 OF 1

CONTRACTOR: ARROW CONSTRUCTION

REPORT NO: FR-1

TEST NO.	LOCATION EXCAVATION 1A	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	30'N, 20'E OF NE CORNER OF EXISTING BUILDING	-5'EG	133.0	1.9	97.8	01-1580
2	15'N, 20'E OF NE CORNER OF EXISTING BUILDING	-5'EG	134.2	2.1	98.7	01-1580
3	25'N, 10'E OF NE CORNER OF EXISTING BUILDING	-5'EG	133.9	2.0	98.5	01-1580

SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
01-1580	136.0	9.0	#2 CRUSHER RUN STONE

REMARKS: AARON FARRELL WITH DAY ENVIRONMENTAL WAS INFORMED OF ALL TEST RESULTS.

EG=EXISTING GRADE, N=NORTH, E=EAST

PREPARED BY: GARY ROGERS

REVIEWED BY: 



IN-PLACE DENSITY TEST RESULTS

PROJECT: CHARLOTTE STREET

PROJECT NO: RCH-01-394

CLIENT: DAY ENVIRONMENTAL, INC.

DATE: 11/16/01 PG. 1 OF 1

CONTRACTOR: ARROW CONSTRUCTION

REPORT NO: FR-2

TEST NO.	LOCATION	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	EXCAVATION 2B	-4'EG	133.0	2.3	97.8	01-1580
2	EXCAVATION 3A	-4'EG	133.3	2.1	98.0	01-1580

SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
01-1580	136.0	9.0	#2 CRUSHER RUN STONE

REMARKS: AARON FARRELL WITH DAY ENVIRONMENTAL WAS INFORMED OF ALL TEST RESULTS.

EG=EXISTING GRADE

PREPARED BY: GARY ROGERS

REVIEWED BY: 



IN-PLACE DENSITY TEST RESULTS

PROJECT: CHARLOTTE STREET

PROJECT NO: RCH-01-394

CLIENT: DAY ENVIRONMENTAL, INC.

DATE: 11/20/01 PG. 1 OF 1

CONTRACTOR: ARROW CONSTRUCTION

REPORT NO: FR-3

TEST NO.	LOCATION	DEPTH OR ELEV.	DRY DENSITY [PCF]	MOIST. CONTENT [%]	COMP. [%]	SAMPLE NO.
1	CENTER OF AREA 1	-12'FG	132.8	2.4	95.5	X
2	NORTH SIDE OF AREA 1	-12'FG	130.2	2.2	93.6	X
3	WEST SIDE OF AREA 1	-12'FG	132.7	2.9	95.5	X

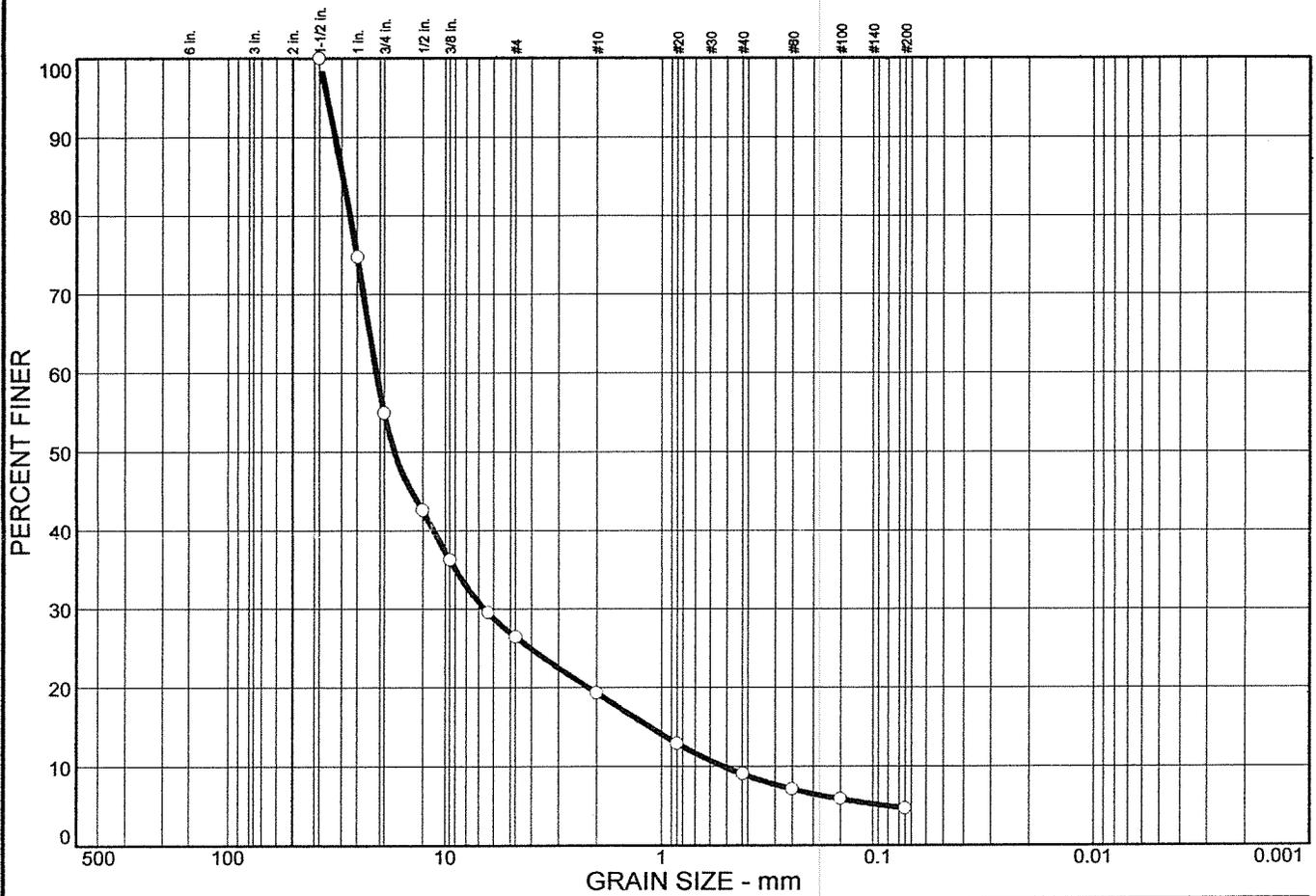
SAMPLE NO.	MAXIMUM D.D. (PCF)	OPT. % MOISTURE	SAMPLE DESCRIPTION
X	139.0	7.0	#2 CRUSHER RUN STONE

REMARKS: KIRK HAMPTON WAS INFORMED OF ALL TEST RESULTS, AND INFORMED THIS REPRESENTATIVE AND THE CONTRACTORS THAT TEST #2, AT 93.6% COMPACTION, WAS ACCEPTABLE. FG=FINISHED GRADE

PREPARED BY: BRIAN MCKINLEY

REVIEWED BY: 

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	73.5	21.8	4.7	0.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1.5 in.	100.0		
1 in.	74.8		
.75 in.	55.0		
.5 in.	42.6		
.375 in.	36.3		
.25 in.	29.6		
#4	26.5		
#10	19.4		
#20	13.0		
#40	9.1		
#60	7.2		
#100	5.9		
#200	4.7		

Soil Description

#2 Crusher Run Stone

Atterberg Limits
 PL= LL= PI=

Coefficients
 D₈₅= 29.6 D₆₀= 20.7 D₅₀= 17.0
 D₃₀= 6.55 D₁₅= 1.13 D₁₀= 0.513
 C_u= 40.28 C_c= 4.04

Classification
 USCS= AASHTO=

Remarks

Sample picked up by VanDerHorst on 11-15-01
F.M.=2.76

* (no specification provided)

Sample No.: 01-1580
Location:

Source of Sample: On-site Material

Date: 11-21-01
Elev./Depth:

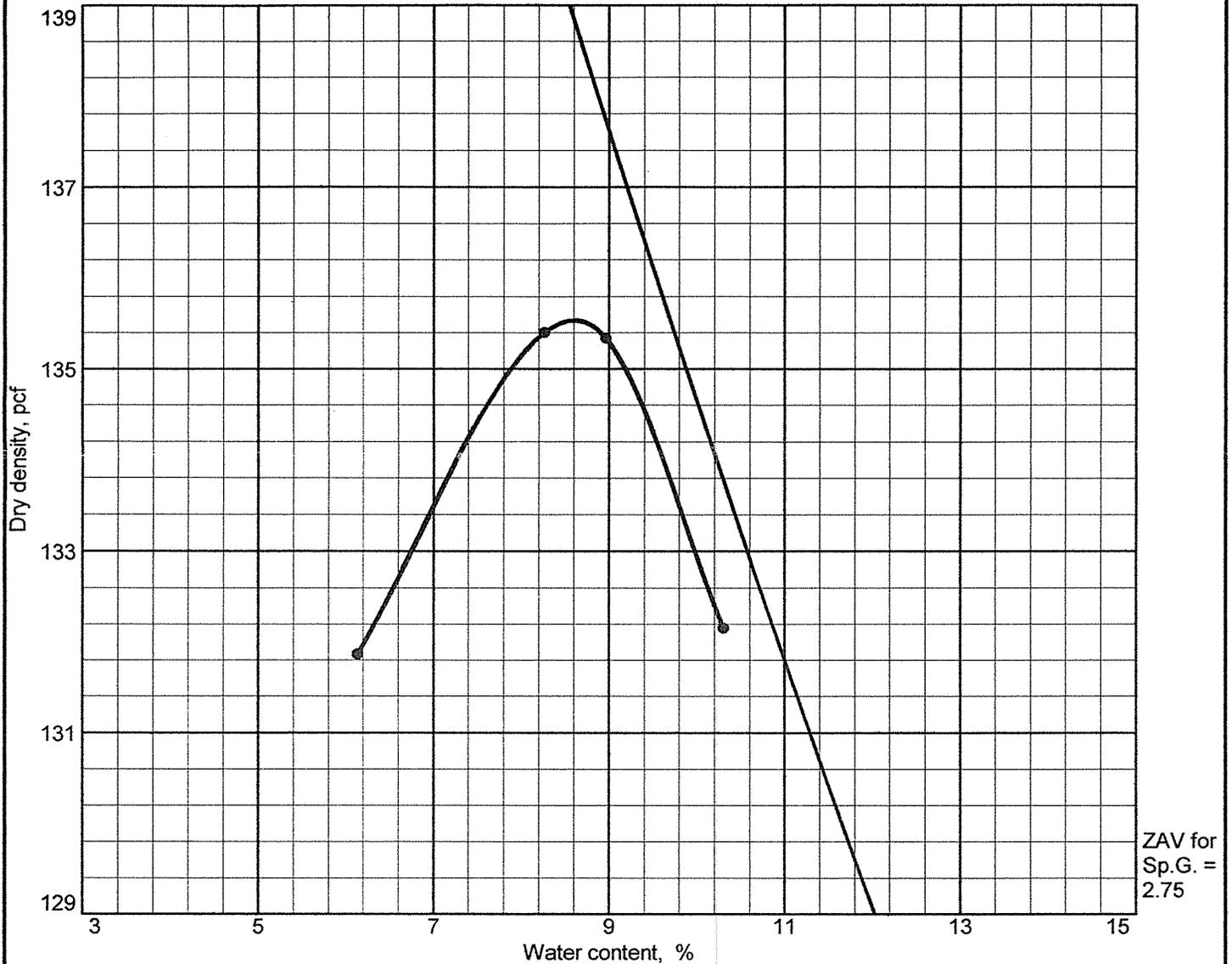
VAN DER HORST ENGINEERING

Client: Day Environmental
Project: Charlotte Street

Project No: RCH-01-394

Figure Number 01-1580

COMPACTION TEST REPORT

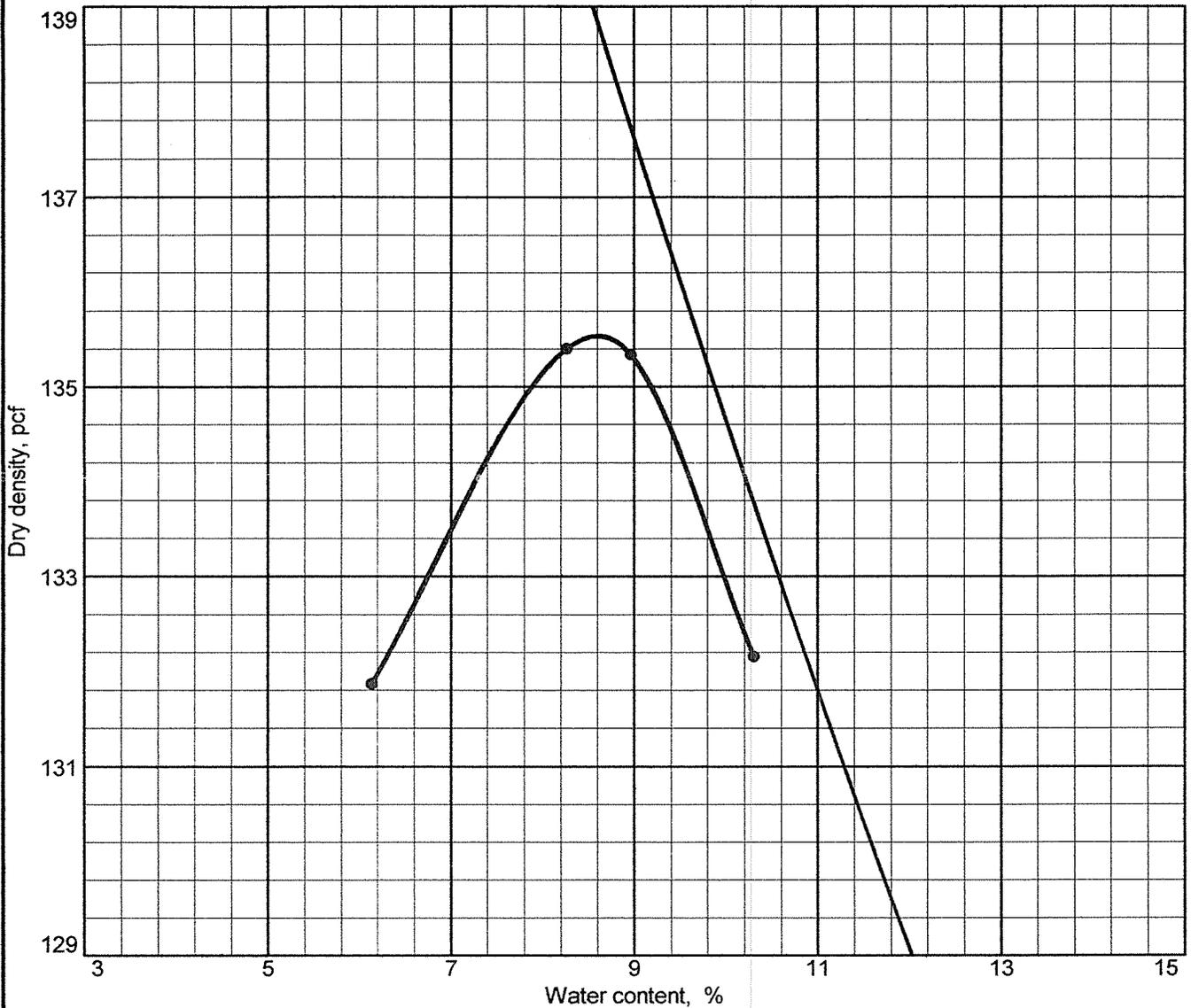


Test specification: ASTM D 1557-91 Procedure C Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
							45.0	4.7

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 136 pcf Optimum moisture = 9 %	#2 Crusher Run Stone
Project No. RCH-01-394 Client: Day Environmental Project: Charlotte Street ● Source: On-site Material Sample No.: 01-1580	Remarks: Sample picked up by VanDerHorst on 11-15-01
COMPACTION TEST REPORT <h2 style="margin: 0;">VAN DER HORST ENGINEERING</h2>	
Figure Number 01-1580	

COMPACTION TEST REPORT



ZAV for
Sp.G. =
2.75

Test specification: ASTM D 1557-91 Procedure C Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
							45.0	4.7

TEST RESULTS	MATERIAL DESCRIPTION
Maximum dry density = 136 pcf Optimum moisture = 9 %	#2 Crusher Run Stone
Project No. RCH-01-394 Client: Day Environmental Project: Charlotte Street ● Source: On-site Material Sample No.: 01-1580	Remarks: Sample picked up by VanDerHorst on 11-15-01
COMPACTION TEST REPORT VAN DER HORST ENGINEERING	Figure Number 01-1580