



Final Engineering Report

1200 East Main Street

Rochester, New York

Monroe County

NYSDEC Site Number: B-00129-8



Prepared for:
City of Rochester
City Hall
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CERTIFICATION

I, Robert Switala, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

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

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

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

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

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

NYS Professional Engineer #

Date

Signature

089467-1

10/30/18





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LIST OF ACRONYMS

<u>Acronym</u>	<u>Definition</u>
CAMP	Community Air Monitoring Plan
COC	Certificate of Completion
DD	Decision Document
DER-31	Division of Environmental Remediation
ERP	Environmental Restoration Project
EWP	Excavation Work Plan
FER	Final Engineering Report
EC	Engineering Controls
HASP	Health & Safety Plan
IC	Institutional Controls
ISCO	In-situ Chemical Oxidation
MH	Manhole
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OM&M	Operation, Maintenance & Monitoring
PCS	Petroleum Contaminated Soils (non-hazardous waste)
PID	Photoionization Detector
PPM	Parts Per Million
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
PRAP	Proposed Remedial Action Plan
SI RAR	Site Investigation Remedial Alternatives Report
SCOs	Soil Cleanup Objectives
SMP	Site Management Plan
SU	Standard Units
SSDS	Sub-Slab Depressurization System
SVOCs	Semi-volatile organic compounds
USTs	Underground Storage Tanks
VOCs	Volatile Organic Compounds



1.0 Background and Site Description

The City of Rochester (City) entered into a State Assistance Contract (SAC C303409) with NYSDEC on June 23, 2007 to remediate a 0.622-acre property located in the City of Rochester, New York. The property was remediated to commercial use.

The site is located in the County of Monroe, New York and is identified as Section 106.76, Block 1, and Lot 44 on the City of Rochester Tax Map # 106.760-0001-044.000/0000. The site is situated on an approximately 0.622- acre area bounded by residential properties to the north, East Main Street to the south, a vacant property to the east, and a commercial property to the west, see Figure 1 – Project Site Map. The boundaries of the site are fully described in Appendix 1 - Survey Map, Metes and Bounds. A site map of general conditions is shown on Figure 2 – Site Layout.

An electronic copy of this Final Engineering Report with all supporting documentation is included as Appendix 2 – Digital Copy of FER.

2.0 SUMMARY OF SITE REMEDY

Based on the results of the SI/RAR (Remedial Investigation), the following Remedial Action Objectives (RAOs) were identified for this site.

2.1 REMEDIAL ACTION OBJECTIVES

Goals for the remedial program were established through the remedy selection process stated in 6 New York Codes, Rules and Regulations (NYCRR) Part 375-1.10. At a minimum, the remedy selected must eliminate or mitigate all significant threats to public health and/or the environment presented by the hazardous substances disposed at the site through the proper application of scientific and engineering principles.

The proposed future use for the 1200 East Main Street site is restricted to commercial or industrial.

The remediation goals for this site are to eliminate or reduce to the extent practicable:

- exposures of persons at or around the site to volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) in soil and groundwater;
- the release of contaminants from soil into groundwater that may create exceedances of groundwater quality standards; and
- the release of contaminants from subsurface soil and groundwater into indoor air through soil vapor.

Further, the remediation goals for the Site include attaining to the extent practicable, SCGs for soil, groundwater, and indoor air.



2.2 DESCRIPTION OF SELECTED REMEDY

The Site was remediated in accordance with the remedy selected by the New York State Department of Environmental Conservation (NYSDEC) in the Record of Decision (ROD), dated March 31, 2006. The factors considered during the selection of the remedy are those listed in 6NYCRR Part 375 1.8 (f).

The following are the components of the selected remedy:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.
2. Free-phase product will be removed from existing groundwater monitoring wells MW-3, MW-4, MW-7 and MW-9 via a vacuum truck. Following vacuum extraction, the recharge rate of free product in each well will be recorded. Additional rounds of vacuum extraction will be performed if significant product remains. During subsequent soil removal activities, any free product evident in the open excavation will be removed via vacuum extraction.
3. Excavation and off-site disposal of contaminated overburden soil will be performed in source areas at the site, including the areas of the former pump dispensers, former USTs, former building, and surface soils in the unpaved northern end of the site. Confirmatory soil samples will be collected following excavation. The cleanup goals for subsurface TAGM 4046 Recommended Soil Cleanup (SCOs available at the time of remedy selection) for VOCs and SVOCs. The cleanup goal for on-site surface soils will be 5 ppm total cPAHs. Excavations will be backfilled with clean soil certified to be free of analytes in exceedance of NYSDEC TAGM 4046 soil cleanup objectives (SCOs available at the time of remedy selection) or local site background as determined by the procedure in DER-10 ("Tech Guide").
4. Following removal of readily recoverable free-phase product and source-area soils, groundwater quality at the site will be re-evaluated to determine the appropriate type of system to treat dissolved phase contaminants in groundwater. Depending on the findings, either a direct oxygen injection system or air sparging system will be designed and installed. Groundwater quality indicators involved in determining which type of system will be installed included contaminant concentrations, dissolved oxygen concentrations, oxygen demand, and oxidation-reduction potential. It is preliminarily anticipated that approximately 28 injection points will be installed in a grid pattern at 30-foot intervals at the site to a depth of twenty (20) feet below grade for either oxygen injection or air sparging.
5. A soil vapor extraction (SVE) system will be installed to ensure that contaminants volatilized into soil gas by the oxygen injection or air sparge system are adequately captured and treated. It is preliminarily anticipated that a minimum of four soil vapor extraction wells will need to be installed at the site to effectively recover contaminant vapors in source areas. Recovered vapors will be pre-treated through activated carbon canisters prior to discharge to the atmosphere.
6. The existing sub-slab ventilation system in the west side of the adjacent 1214/1216 East Main Street building will continue to be operated and maintained until such time as the remedy is complete.



Following remedy completion and re-evaluation of site conditions, the sub-slab ventilation system may be evaluated for shut-down with confirmatory sub-slab soil gas and indoor air sampling.

7. Development of a site management plan to: (a) address residual contaminated soils that may be excavated from the site during future development. The plan will require soil characterization and, where applicable, disposal/reuse in accordance with NYSDEC regulations; (b) evaluate the potential for vapor intrusion for any buildings developed on the site, including provision for mitigation of any impacts identified; (c) continue the operation and maintenance of the existing sub-slab vapor extraction system in the adjacent 1214/1216 East Main Street building, including provisions for the shut down; (d) identify any use restrictions; (e) provide for the operation and maintenance of the components of the remedy; and (f) monitor the groundwater quality via several existing and/or additional monitoring wells as deemed necessary by the NYSDEC.
8. Imposition of an institutional control in the form of an environmental easement, that will (a) require compliance with the approved site management plan; (b) limit the use and development of the property to restricted commercial or industrial uses only; (c) restrict the use of groundwater as a source of potable water, without necessary water quality treatment as determined by NYSDOH; and (d) require the property owner to complete and submit to the NYSDEC a periodic certification.
9. The property owner will provide a periodic certification, prepared and submitted by a professional engineer or such other expert acceptable to the NYSDEC, until the NYSDEC notifies the property owner in writing that this certification is no longer needed. This submittal will contain certification that the institutional controls and engineering controls, are still in place, allow the NYSDEC access to the site, and certify that nothing has occurred that would impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan.
10. The operation of the components of the remedy will continue until the remedial objectives have been achieved, or until the NYSDEC determines that continued operation is technically impracticable or not feasible.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this site was performed during four project phases, and no interim remedial measures or operable units were performed. The details associated with the four (4) remedial phases is presented in Section 4.0 of this FER.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved Remedial Action Work Plans for the 1200 East Main Street Site, dated July 27, 2009 and January 21, 2016 during four separate phases, see Appendix 4 – NYSDEC Approvals of Substantive Technical Requirements.



Permits for remediation project work are presented in Appendix 5 – Remediation Related Permits. Deviations from the RAWPs prepared for the several phases of the Remedial Action are noted below in Section 4.9.

Phase I: Impacted Surface and Source Area Soil Removal - March through April 2010

A petroleum surface and source area soil removal was completed at excavation areas 1A, 1B, 2, 3 and 4 based on the nature and extent of contamination documented in the SI/RAR and presented on Table 1 – Nature and Extent of Contamination. The locations of the excavation areas are presented on Figure 3 – Soil Excavation As-Built Figure. The completed phases of remediation are described below and field monitoring observations, inspections and measurements are presented in Appendix 6 – Quarterly, Monthly and Daily Reports.

Excavation Areas 1A and 1B:

Petroleum SVOC contaminated surface soils from Excavation Areas 1A (size approximately 50 ft. X 40 ft. X 2 ft.) and 1B (size approximately 72 ft. X 18 ft. X 2 ft.) were removed on March 9, 2010. Petroleum contaminated SVOC soil was excavated from the ground surface to approximately 2 ft., see Appendix 7 – Project Photo Log. The excavation's configuration, backfill thickness, type of backfill material and placement locations are presented on Figures 4 – Contour Map of excavation and Backfill thickness, Figure 5 – Reused Backfill Material and Figure 6 – Backfill Placement Locations; respectfully. Confirmatory soil samples were collected from the sidewalls and bottom of the excavations and submitted for laboratory analysis. Laboratory results were compared to the restricted use soil cleanup objectives, see Table 2 – Restricted Use Soil Cleanup Objectives for The Project. Excavation Areas 1A (backfill 230 tons) and 1B (backfill 148 tons) were backfilled with clean surface soils (soil showing no evidence of impacts) removed from Excavation Area 4. Approximately 378 tons of Petroleum SVOC contaminated soils was transported off-site for disposal, see Table 3 – Soil / Waste Disposal Volumes and Facilities. Confirmatory soil samples collected from Area 1A and Area 1B excavations indicated that all contaminants of concerns (SVOCs) were removed to levels below 6 NYCRR Part 375 Soil Cleanup Objectives, see Table 4 – Remaining Soil Sample Exceedances. In addition, Total cPAH concentration did not exceed 5 parts per million (ppm) in confirmatory soil samples. No further excavation work was required in Area 1A or Area 1B.

Excavation Area 2:

Petroleum contaminated soil (PCS), which was non-hazardous, was excavated from ground surface to approximately 12 ft. below ground surface (bgs) in Excavation Area 2. The soil material was screened using a PID and segregated in accordance with the field screening results. The soil material exhibiting field VOCs readings less than 10 parts per million (ppm) were stockpiled as non-impacted soil for on-site reuse as backfill material, see Figure 7 – Soil Stockpile Areas and Air Monitoring Station Locations. The soil material exhibiting field VOCs ranging from 10 to 100 ppm was stockpiled separately as PCS and totaled approximately 20 cubic yards (yd³). The PCS that was heavily impacted greater than 100 ppm was encountered at approximately 10 ft. to 12 ft. bgs. The PCS was pre-characterized and profiled for landfill disposal. Therefore, the PCS was direct loaded and disposed at Mill Seat landfill on March 17 and 18, 2010. Approximately 460 tons of PCS from Excavation Area 2 was disposed off-site. A seam of PCS which extended east, and northeast toward the property line, was left in place due to limitations of space and the proximity of the neighboring structure.



The Excavation Area 2 measured approximately 66 ft. x 33 ft. x 14 ft. Confirmatory sidewall samples were collected at 30' intervals along the west and north walls of the excavation. One (1) sample was obtained from the residual contamination on the east wall, and two (2) bottom samples from top of bedrock were collected. Samples were relinquished to Paradigm Environmental Services, Inc. (ELAP Number 10958) for laboratory analysis. Excavation Area 2 was partially backfilled to prevent further caving in of the sidewalls with non-impacted soil material from Excavation Area 4. Analysis results from the Area 2 confirmatory soil sidewall samples indicated that all gasoline and petroleum SVOC contaminants of concern (COC) were below Part 375 SCOs for Restricted Commercial Re-Use and Protection of Groundwater. Two (2) gasoline chemical compounds (1,2,4-Trimethylbenzene and total Xylene) were detected at concentrations slightly above Protection of Groundwater SCOs at the "Bottom Floor Drain" sample location.

Excavation Area 3:

Excavation of PCS followed at Area 3 (former pump islands). The Excavation Area 3 measured approximately 78 ft. x 14 ft. x 12 ft. On-site non-impacted re-use soils from this excavation were used as backfill and NYSDEC approved backfill soil from the City's Plymouth Avenue soil pile were also used as backfill. Acetone was detected slightly above Protection of Groundwater SCOs in two confirmatory soil sidewall samples from excavation Area 3. The "East Wall" and West Wall" concentrations were 65.5 and 118.0 parts per billion (ppb) respectively. Several VOC compounds, consistent with gasoline contamination, were detected above Protection of Groundwater SCOs from the "Northwest Wall" confirmatory soil sidewall sample from Area 3. During the excavation of PCS from Area 3, monitoring well MW-7 was damaged and removed. A replacement well MW-7R was installed by Nothnagle Drilling, Inc. with City of Rochester oversight on May 19, 2010. The monitoring well was installed at approximately the same location as the original MW-7, and to the same specifications. MW-7R was developed by hand bailing on May 21, 2010.

Excavation Area 4:

On March 15 and 16, 2010, non-impacted soil material from Excavation Area 4 from approximately 4 ft. to approximately 9 ft. bgs was excavated, field screened, and stockpiled. Soil samples were collected for laboratory analysis to determine if soil material was suitable for re-use on-site. The laboratory analysis indicated that the soil material was suitable for use as backfill on-site and was used as backfill in Areas 1A, 1B, 2, and 3. The approximate size of this excavation was 60 ft. X 30 ft. X 13 ft. The PCS from 9 ft. to approximately 13 ft. bgs was excavated, direct loaded, and disposed off-site at Mill Seat landfill on March 17 and 18, 2010. Groundwater began seeping into the excavation at approximately 11-12 ft. bgs. The PCS became too wet for proper handling, transport, and disposal. NYTECH mobilized to the Site with a vacuum tanker truck and removed approximately 841 gallons of gasoline and water mixture from excavation Area 4 on March 18, 2010 and 1,000 gallons on March 22, 2010 for disposal off-site at a permitted facility, see Table 3. Approximately 275 tons of PCS was disposed of off-Site. PCS removal, confirmatory sampling and backfilling at Excavation Area 4 was completed between March 22 and 24, 2010. Several VOC compounds, consistent with gasoline contamination, were detected above Protection of Groundwater SCOs from the confirmatory soil sidewall "South Wall" sample from Area 4.

Approximately 4,495 tons of soil were excavated from the Excavation Areas, field screened for VOCs, staining, and olfactory impacts, and either stockpiled on Site for re-use, or transported off Site to Mill Seat Landfill for disposal. A total of 2,143 tons of PCS was removed from the Site, see Appendix 8 – Soil / Waste



Characterization Documentation. Approximately 1,900 tons of NYSDEC approved backfill material was imported from the 1315 South Plymouth Avenue soil pile and 450 tons of soil were re-used on-Site. The excavations were backfilled and re-graded on April 5, 2010. The thickness of the backfill placed in the excavations is shown on Figure 4 – Contour Map of Excavation and Backfill Thickness

Community Air Monitoring Plan (CAMP) was implemented during excavation of soils to monitor the particulates (soil dust in air) at the Site and potential vapors from excavation of PCS. The levels detected did not exceed the action levels for a duration that would trigger actions to suppress dust levels or vapors, see Appendix 9 – CAMP Field Data Sheets and Air Monitoring Data. Excavation of PCS from all Excavation Areas 1-4 was complete on April 5, 2010. Confirmatory soil samples were collected from each excavation sidewall and bottom and submitted for laboratory analysis. Figure 3 illustrates the dimensions of each of the Excavation Areas. Locations of confirmatory soil samples are presented on Figure 11 – Remaining Soil Sample Levels & Exceedances.

The waste disposal records for soils and excavation water are located in Appendix 8. The laboratory data packages are presented in Appendix 10 – Raw Analytical Laboratory Data and associated DUSRs are located in Appendix 11 – DUSRs for All Endpoint Samples. The data summary tables presenting the confirmatory sampling results are presented on Table 4.

Post-Excavation Groundwater Sampling Event – May 27-28, 2010

The initial, post-source PCS removal groundwater sampling event was completed on May 27 and 28, 2010. The groundwater monitoring event included all on-Site and off-Site groundwater monitoring wells. This groundwater monitoring event included an inspection of the monitoring wells, depth to groundwater measurements, and field sampling parameters which were recorded on groundwater monitoring logs. Groundwater samples were collected from each well and analyzed for TCL VOCs and TCL SVOCs. The sample results indicated that there was a general reduction of VOC and SVOC petroleum chemical compound concentrations. However, remaining groundwater dissolved phase levels and free-phase product required additional remediation. The groundwater sample results, remaining exceedances, and post-soil removal results are presented on Table 6 – Groundwater Quality Sample Results September 2003 through March 2012 and Table 7 – June 2004 Pre-Soil Removal and May 2010 Post Soil Removal Groundwater Results.

Based on the analytical results of the confirmatory soil samples and the post-excavation groundwater results from May 2010, see Table 7, the City of Rochester evaluated air sparging and direct in-situ chemical oxygen (ISCO) injections as groundwater treatment. The City of Rochester chose (ISCO) injections as the preferred treatment technology and obtained concurrence from the NYSDEC.

Phase II: Contaminant Reduction Action Phase In-situ Chemical Oxidation – December 2011

A Contaminant Reduction Action (CRA) phase was completed in December 2011 in accordance with NYSDEC approved Work plan dated November 22, 2011. The CRA phase was designed to reduce petroleum product, a light non-aqueous phase liquid (LNAPL) and dissolved phase petroleum chemical compounds observed on June 3, 2010 in four monitoring wells with LNAPL that measured approximately as follows: MW-4 (0.16 ft.), MW-7R (0.12 ft.) (Replaced 5/19/10), MW-9 (0.50 ft.), and newly installed MW-15 (0.01 ft.). Historically, the LNAPL was observed in monitoring wells MW-4, MW-7R, and MW-9R during previous groundwater sampling events. Prior attempts to remove LNAPL from monitoring wells with a vacuum truck had been unsuccessful during February 2010. The LNAPL was located on top of the groundwater table within the bedrock formation or at the bottom of the overburden deposit. The objective of the proposed CRA was to



reduce the amount of LNAPL on the groundwater table and reduce dissolved phase petroleum chemical compounds.

Eleven (11) treatment boreholes were installed for the initial application of ISCO using RegenOx® oxidation compound injected as a slurry at the locations shown on Figure 8 – ISCO As-Built Figure. An additional eleven (11) treatment boreholes were installed for the second ISCO application of RegenOx®. Each treatment borehole was advanced through the overburden soils with 4-1/4 in I.D. augers to the top of the bedrock surface. The augers were removed and 4-inch I.D. flush joint casing was installed through the overburden borehole and seated into the top of bedrock. A 3 7/8 inch O.D. roller bit was used to flush soils from the flush joint casing (temporary casing). The remaining section of the treatment borehole was advanced into the bedrock formation by drilling with a rock core barrel to a depth of approximately ten (10) feet into bedrock. The rock core sample was removed to complete the treatment borehole. The bedrock portion of the treatment borehole was approximately three (3) inches in diameter and ten (10) feet in length. The overall depth of the treatment boreholes were approximately 25 feet. The treatment boreholes were installed on 9-foot centers at the approximate locations shown on Figure 8.

The oxidation powder and activator is manufactured by RegenOx® and were mixed in water to create a slurry according to the manufacturer's specifications and directly applied into the subsurface in each of the eleven (11) treatment boreholes in treatment area numbers 1 and 2. The second application included injection into eleven (11) treatment boreholes using the same mixing and injection techniques. The second application occurred approximately two (2) weeks after the initial application. The RegenOx® ISCO slurry included approximately ten (10) pounds (lbs.) of RegenOx® Part A (oxidant) and 10 lbs. of Part B (Activator) combined in water for a 3% to 5% solution per foot of injection zone. The slurry was pumped into the treatment boreholes through the drill steel rods and through the packer assembly. The rubber membrane of the packer was inflated with 100 psi of nitrogen gas to seal the inside of the flush joint casing and top of bedrock interface. The injection zone (vertical injection area) was from approximately 13 feet to 23 feet. Approximately 2,640 lbs. of RegenOx® (part A and part B combined) was injected during the first and second applications yielding at total of 5,280 lbs. of RegenOx® injected into the subsurface. The RegenOx® slurry level was maintained near the top of bedrock at each treatment borehole after the temporary steel flush joint casing was removed and prior to placement of backfill materials to ground surface. Non-impacted soils generated for the treatment boreholes were used as backfill and returned into the boreholes.

Groundwater elevation data was recorded from the target wells throughout the slurry injections to confirm transmission of the slurry into the bedrock fractures. Per the product specifications, groundwater conditions were evaluated approximately 90 days after the second injection event. Groundwater elevations were recorded at each Site monitoring well, LNAPL layer thickness was measured at MW3, MW-4, MW-7R, and MW-9R, and groundwater samples were collected for laboratory analysis on March 7, 2012. A marked increase in the LNAPL thickness layer was observed in the target wells indicating successful desorption of petroleum contaminants from the bedrock fractures. Periodic groundwater monitoring was completed to track the LNAPL thickness within target wells over time. A gradual decrease in LNAPL thickness was observed in the target wells, which was attributed to re-adsorption of LNAPL into the bedrock fractures. With the exception of the target wells, all on and off-Site wells exhibited significant decreases in dissolved phase total VOCs concentrations subsequent to the ISCO injections, see Table 6. The results from this CRA phase were submitted to NYSDEC and used to design the Free Product LNAPL Recovery and Groundwater Remediation phase that was implemented from March 2016 through December 2016.



Phase III: Source Area Soil Removal – March 2016

On March 15, 2016 during a trench excavation for the Vacuum Enhanced Groundwater Extraction (VEGE) and Oxygen Injection (O₂) system laterals (part of the Free Product Recovery & Groundwater Remediation phase) PCS were encountered. This PCS area was located at the center of the Site, north of previously excavated Areas 2 and 4 during the Impacted Surface and Source Area Soil Removal Phase; see Figure 3. The NYSDEC was notified and the decision was made to excavate this petroleum source soil area in order to complete the installation of the system and further reduce the quantity of PCS remaining on-site. Two (2) soil samples were collected from the trench excavation in this PCS source area and submitted to Paradigm Environmental Services Inc. (ELAP #10958) for disposal profile analysis for: Total RCRA Metals; VOCs and SVOCs; PCBs and ignitability. Waste Management profile #116263NY was approved and soils were disposed of at High Acres Landfill, Fairport, NY.

Matrix Environmental Technologies Inc., Bergmann and City DEQ personnel mobilized to the Site on March 29, 2016 to begin the excavation of PCS, soil screening, and direct loading into trucks for off-site disposal. Non-impacted soils from the ground surface to approximately four (4) feet bgs were excavated and stockpiled on 6-mil poly sheeting for re-use as backfill in the excavation, see Figure 7. Soils were field screened using visual and olfactory indications, and a PID and CAMP monitoring was performed during the removal of PCS. Soils exhibiting field VOCs readings less than 10 ppm were stockpiled for re-use on-site as non-impacted backfill material. PCS (PID readings greater than 10 ppm or had evidence of impacts visual and/olfactory) were direct loaded and transported to High Acres landfill for disposal. The excavation measured approximately 45 ft. x 35 ft. with excavation depths ranging from approximately 8 ft. to 16 ft. bgs, where bedrock was encountered, see Figure 3 and 4. Groundwater was not encountered during soil excavation activities. Some PCS remained in place near the northwest and southeast areas of the excavation since, the majority of the highest impacted PCS was removed and the excavation was terminated near Area 2 that was already completed, see Figures 3 and 4.

Excavation of PCS was completed on March 30, 2016. Approximately 865 tons of PCS was excavated and transported off-site for disposal, see Table 3 and Appendix 8. The excavation was backfilled with approximately 795 tons of #2 crusher run gravel supplied by the Dolomite Group, Walworth Plant, NYSDOT Source # 3-8R (see Tables 9, 10 and Appendices 4 and 13) and non-impacted on-site soil material (approximately 70 tons) from the excavation surface (ground surface to 4 ft bgs).

Confirmatory soil samples were collected from the excavation sidewalls at approximately 25 foot intervals. Two excavation bottom samples were collected from locations where bedrock was not encountered. Confirmatory soil samples were submitted for analysis of TAL Metals, TCL VOC's and TCL SVOCs. Figures 3, 4, 5, 6 and 11 illustrates the excavation dimensions, backfill location and the corresponding confirmatory sample locations. Sources for imported materials approved for use as backfill are presented in Table 10 – Stockpile/Imported Backfill Materials Sample Results, Appendix 4 and Appendix 13 – Imported Materials Documentation.

Laboratory results for confirmatory soil samples were compared to 6 NYCRR Part 375 Soil Cleanup Objectives for Unrestricted, Restricted Commercial Re-Use and Protection of Groundwater. Laboratory results indicated concentrations of the constituents of concerns were generally below restricted Commercial SCOs; see Figures 10 and 11. Acetone was detected slightly above Protection of Groundwater SCOs at 0.137 ppm, in one (1) confirmatory soil sample collected from the Southwest Sidewall-7 (SW-SW-7). Summary Tables of



the laboratory analysis results are included in Table 4. Complete copies of the confirmatory soil sample analysis reports are included in Appendix 10.

During the excavation of contaminated soils, monitoring wells MW-9 and MW-15 were damaged and removed. Monitoring Well MW-7R was also damaged and removed during trenching for the groundwater discharge sewer lateral line installation. Replacement wells were installed by Nothnagle Drilling, Inc. on May 20, 2016. The replacement groundwater monitoring wells are designated MW-7R, MW-9R, and MW-15R. The groundwater monitoring wells were installed in locations approximate to their original installation. The new wells and system trench locations were surveyed are shown on As-Built Figure 9.

The 2016 Source Area Soil Removal phase resulted in 865 tons of PCS removed from the Site and disposed off-site at the High Acres Landfill facility; see Table 3 and Appendix 8. Some PCS remains in place and was not able to be removed. The remaining PCS will be addressed during remaining remediation tasks and the SMP, see Appendix 14 – Site Management Plan.

Phase IV: Free Product Recovery and Groundwater Remediation – March 2016 to December 2016

Based on Site conditions after the 2011 CRA Phase the City proceeded with the installation of the VEGE and O₂ Injection systems, using combined dual purpose remediation wells, to remove the LNAPL remaining in the bedrock fractures and reduce VOCs in groundwater, see Table 6.

A Conceptual Remedial Plan and Opinion of Probable Cost (OPC) was prepared for the City by Matrix Environmental Technologies, Inc. (METI) and Bergmann Associates (Bergmann). The plan detailed an aggressive remedial approach utilizing VEGE followed by the design and installation of an oxygen injection system. The plan utilized 9 VEGE wells, coupled with a 215 CFM vapor extraction system in order to: remove LNAPL; to treat impacted groundwater; and to reduce soil vapor concentrations in the target area. Twelve oxygen injection points were installed to polish dissolved VOCs from groundwater following removal of the LNAPL. A Supplemental RAWP dated January 21, 2016 for this phase of remedial activities was approved by NYSDEC.

VEGE System Recovery Well Locations and Design

The VEGE recovery wells were installed to address residual LNAPL held in the fractured bedrock. See Figure 9 for the recovery well and trenching layout. The spacing of the wells was based on a conservative radius of influence (ROI) of twenty (20) feet.

Nine (9) four-inch ID recovery wells were installed to ten (10) feet into bedrock to a depth of approximately 22 to 24 feet bgs. The wells were constructed of schedule 40 PVC with ten (10) feet of 0.020- inch slot screen. The sand pack extends one (1) foot above the top of screen followed by two (2) feet of bentonite and five (5) to seven (7) feet of cement grout. The well casings were extended to surface with schedule 40 PVC for connection of process lines. The recovery wells were installed by advancing hollow stem augers (6.25-inch diameter) through the overburden and upper portion of fractured bedrock followed by air rotary drilling with a 5-7/8" rock hammer to the desired depth into bedrock. The VEGE Recovery Well schematic is provided in Appendix 15 - Operations & Maintenance Plan and System Operation Manual.

Pneumatic pumps were placed so the pump intake was no more than two (2) feet below the water table and operated to skim the LNAPL from the top of the water table in recovery wells. The LNAPL recharge



rate was determined for each recovery well. When LNAPL recharge was not sufficient for efficient pumping, a vacuum was applied to optimize LNAPL recovery without causing mounding in the well or drawdown below two (2) feet. This is important to prevent smearing above the water table and to prevent the movement of LNAPL into deeper fractures. In wells where LNAPL was not detected, the pumps were operated to optimize groundwater recovery with the pump intakes at four (4) to eight (8) feet below static water and vacuum applied to maximize pumping.

Oxygen Injection Point Locations and Design

Nine oxygen injection points (IP) were installed to oxygenate the groundwater dissolved petroleum gasoline VOC plume and stimulate biodegradation of VOCs in bedrock. See Figure 9 for the location of oxygen injection points and trenching layout. The spacing of the points is based on a conservative radius of influence (ROI) of 20 feet.

Each of the one-inch ID oxygen injection points were installed twelve (12) feet into bedrock (approximately 10 feet below the water table) to a depth of approximately 25 feet bgs. The wells were constructed of schedule 40 PVC with one (1) foot of 0.010-inch slot screen above a 1-foot sump. The sand pack extends ten (10) feet above the top of screen to intercept bedrock fractures, followed by two (2) feet of bentonite and seven (7) to eight (8) feet of cement grout. The well casings were completed to surface with schedule 40 PVC to allow connection of oxygen supply piping. The oxygen injection points were installed by advancing hollow stem augers (4.25-inch diameter) through the overburden and upper portion of fractured bedrock followed by air rotary drilling with a 3-7/8" rock hammer to the desired depth into bedrock. An O2 Injection Well schematic is provided as Appendix 15a.

During the O2 system operation, that began in January 2017, a soil vapor extraction (SVE) system of horizontal trenches was operated for precautionary vapor control for properties adjacent to the Site and a public utilities conduit located immediately south of the site. A residential structure immediately adjacent to the Site to the east was demolished in December of 2016. The O2 system is operated in a pulse mode with SVE.

VEGE and Oxygen Injection System Trenching and Piping Installation

Each VEGE recovery well was connected to continuous lengths of high-density polyethylene (HDPE) piping with a pressure rating of 100 PSI for groundwater (1-inch ID) and vapor extraction (1.5-inch ID). An air supply line (1/2-inch ID HDPE) was also installed to each well to operate the pneumatic pumps. All piping was installed below ground in 4-foot deep trenches and terminate in a two-foot square well vault located beneath the trailer mounted VEGE system. The HDPE piping was purchased in large spools to provide a continuous run without splicing to each well. A backhoe was used to excavate the trenches to a depth of four (4) feet for the piping installation. The 4-inch well casing was cut and a 4-inch x 6-inch coupling installed with 6-inch riser to the surface.

The process lines for vacuum enhancement were connected to the PVC well casings using a male hose adapter that was tapped and threaded into the 6-inch riser. The HDPE lines for groundwater recovery and air supply to the pumps were connected to each well with a 1-inch diameter stainless steel dual pitless adapter. Each of the HDPE piping to hose adapter connections were secured with two (2) hose clamps. See Appendix 15b for details on the piping connections to the recovery wells.



Each oxygen injection point was connected to the oxygen injection system with continuous lengths of ½-inch ID HDPE piping with a pressure rating of 100 PSI. The HDPE piping to hose adapter connections was secured with two (2) hose clamps. The oxygen injection piping was installed in the same trenches as the VEGE piping and terminated in a two-foot-square well vault located beneath the trailer mounted oxygen injection system. The HDPE piping was supplied to the Site on large spools to provide a continuous run without splicing to each well. See Appendix 15 for details on the piping connections to the oxygen injection points.

The trenches were backfilled with on-site soils removed from trench excavations with no evidence of impacts and was compacted to minimize settling within the trenches. PCS was encountered during trenching and removed during the March 2016 Source Area Removal phase. Backfill material (#2 crusher run gravel) from The Dolomite Group, Walworth Plant, that met the DER-10 backfill criteria, was imported to the Site for additional backfill material, see Tables 9, 10 and Appendices 4 and 13.

Each VEGE recovery well and oxygen injection point was equipped with a limited access twelve-inch diameter flush mount curb box. The curb box cover plate was secured with bolts and a rubber gasket. A screw-down well plug was used to seal the top of each well.

The horizontal trenches using SVE for vapor control were installed along the eastern and southern boundaries of the Site to collect potential fugitive soil vapor emissions generated during the injection of oxygen gas. This was a precautionary measure to prevent vapor migration towards the residential property formerly at 1214 /1216 East Main Street which was an area of concern, see Figure 16 – Area of Soil Vapor Concern. The residential structure was demolished in December 2016. The SVE trench layout is shown on Figure 17. The SVE trench is approximately 150 feet of 4-inch ID perforated PVC pipe and 120 feet of 1½-inch ID HDPE piping connected to a 5 HP SVE blower in a remediation shed. Approximately 100 feet of the SVE trench shares the same trench used for the VEGE and oxygen injection piping. The depth of the trenches was approximately 4 feet bgs and soils from the trench excavation were used as backfill. The underground remediation system piping was terminated inside a two-foot-square steel vault set in a concrete pad at the location of the remediation equipment shed.

Oxygen Injection System Operation

The oxygen injection system equipment specification is designed to produce oxygen gas at a purity of 90 to 95%. A performance goal for the Site's oxygen injection system is to produce high purity oxygen gas exceeding 85% purity. This performance goal has been chosen for the following reasons:

1. The purity of oxygen gas produced by the pressure-swing adsorption (PSA) oxygen generator is lower when an oxygen tank refill cycle begins and increases as the PSA operates. Therefore, a purity reading below 90% can occur based on the timing of when the reading is taken; and
2. Oxygen purity between 85% and 90% does not impact meeting the target groundwater dissolved oxygen levels but purity below 85% is an indicator that equipment service is due.



4.1 GOVERNING DOCUMENTS

4.1.1 Site-Specific HASP

All remedial work performed under these Remedial Actions was in full compliance with the governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Site-Specific SWMP

There is no storm water management plan (SWMP) for this project as this sized site and the area of disturbed soils is less than the required area that requires a SWMP.

4.1.3 Site-Specific CAMP

The Site-specific Community Air Monitoring Plan (CAMP) details the monitoring approach, instruments, action levels, and response measures. Actual CAMP results during field activities did not exceed response levels and response actions. No CAMP issues were observed during the project work. The locations for the air monitoring stations is shown on Figure 7 and field documentation is presented in Appendix 9.

4.1.4 Community Participation

Community Participation activities were guided by standard NYSDEC citizen participation procedures for the Environmental Restoration Program. Citizen Participation activities included the distribution of Fact Sheets to inform and educate the public about conditions at the Site, potential remedial alternatives, and notice of Site remediation events. The Site's document repository is located at the City of Rochester's Winton Branch Library, 611 North Winton Road, for public access during public comment periods.

The citizen participation activities to be completed as part of the Environmental Restoration Program include the issuance of a fact sheet announcing the NYSDEC has issued the Certificate of Completion and the site has met the remedial goals as established in the Record of Decision document.

4.1.5 Quality Assurance Project Plan (QAPP)

Quality Assurance and Quality Control Procedures were included as Section 6.0 of the July 27, 2009 Remedial Action Work Plan (RAWP) approved by the NYSDEC. These procedures describe the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.



4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

Contractors who performed work and their associated tasks included the following:

- Bergmann Associates (Bergmann)- remedial construction oversight and environmental monitoring
- Matrix Environmental Technologies Inc. – VEGE and oxygen injection system contractor
- Gatti Plumbing – licensed plumber for sanitary sewer connection to VEGE system treated groundwater
- TREC Environmental, Inc. – Excavation contractor
- New York Environmental Technologies, Inc. – construction waste liquid product / water
- Riccelli Enterprises – Trucking / hauling company: soil disposal hauler, transported soil from Plymouth Avenue to Site
- Kimball Trucking – Trucking / hauling company: bedrock/rock material to City of Rochester's Rock Recycling Center
- Paradigm Environmental Services – Laboratory analytical services
- Chemtech – Laboratory analytical services
- Mill Seat Sanitary Landfill –Waste Management services, soil disposal
- Waste Management of NY high Acres Landfill – Waste Management services, soil disposal
- Industrial Oil Tank Service Corp. – disposal waste liquid product / water
- The Dolomite Group – Backfill provider
- The City of Rochester – Backfill provider
- Vali-data of WNY, LLC – DUSR
- Alpen Consultants – DUSR
- Frank's Vacuum – transferred drummed drill cuttings to CWM

4.2.2 Site Preparation

Pre-construction meetings were held at the Site prior to initiation of each remedial phase of the remedial program. These meetings included the NYSDEC and contractors associated with the project.

- Mobilization dates for each remedial phase is listed below:
 - March 24, 2010 - Impacted Surface and Source Area Soil Removal – March through April 2010, pre-construction meeting March 24, 2010.
 - December 10, 2011 - Contaminant Reduction Action – December 2011, pre-construction meeting December 10, 2011.
 - March 15, 2016 – Source Area Soil Removal – March 2016, pre-construction meeting March 15, 2016.
 - March 29, 2016 – Free Product Recovery and Groundwater Remediation – March 2016 through December 2016, pre –construction meeting January 20, 2016.
- Grubbing, fencing, and truck inspections were completed in accordance with the work plans for each remedial phase. The Site has been grubbed and fenced since 2004.
- Erosion and sedimentation controls were not required.



- Utility marker layouts were completed by the Contactors for each remedial phase and prior to any excavation.
- A permit was issued to Matrix on March 29, 2016 by the Monroe County Pure Waters for discharge of treatment water to the sanitary sewer system.

Documentation of agency approvals required by the RAWP is included in Appendix 4. Other non-agency permits relating to the remediation project are provided in Appendix 5. All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action.

A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the Remedial Action.

4.2.3 General Site Controls

Access to and egress from the Site for applicable personnel was accomplished through the security gate located along the south side of the Site fence along East Main Street. This gate was secured during the non-working daytime and evening hours. Site boundaries were secured by permanent fencing. TREC and Matrix implemented all applicable safety measures associated with the open excavation areas and stockpiles on a daily basis, which included covering stockpiled PCS and temporary orange construction fencing of the excavations at the conclusion of each working day. No security issues were encountered during the course of this project as documented in the field notes.

Daily field reports were prepared with air monitoring measurements and photographs by Bergmann, see Appendix 6 and Appendix 7; respectively. Community Air Monitoring field data sheets and air monitoring data can be found in Appendix 9.

4.2.4 Nuisance Controls

Dust control measures on various areas of the Site were watered by using a truck and trailer equipped with a 500-gallon holding tank and pump attached to a hose and pressure nozzle.

PCS with nuisance characteristics were placed in 55-gallon drums and sealed. PCS were also stockpiled on plastic sheeting and covered to reduce odors and vapors from leaving the Site. The locations of areas on-site for temporary stockpiles is shown on Figure 7.

Decontamination pads were established on the southwestern portion of the Site. Equipment leaving the Site was decontaminated in accordance with the decontamination procedures in the RAWP. Any general refuse generated during the course of this project was contained in construction dumpsters at the Site for off-site transport and disposal.



4.2.5 CAMP Results

Fugitive dust and particulate monitoring was conducted by Bergmann, City of Rochester, and Matrix during all excavation and grading of on-site soil activities utilizing TSI 8530 Dust Track 2 monitors in accordance with the CAMP. Measurements were collected in micrograms per cubic meter (mg/m^3) in real time for 15-minute averages. Per NYSDEC requirements, readings greater than $150 \text{ mg}/\text{m}^3$ require temporary stoppage of work and remedy of the situation. A downwind station was set up daily. Stations were adjusted accordingly based on changes in wind direction. The downwind station was placed proximate to the excavation work or near the adjoining off-site property, see Figure 7. Throughout the duration of this project, no dust/particulate readings were identified greater than $150 \text{ mg}/\text{m}^3$, thus no stoppage of work was required.

VOCs were monitored at the downwind perimeter of the immediate work area on a continuous basis for the duration of this project. Upwind concentrations were measured at the start of each workday and every 15 minutes thereafter to establish background conditions, particularly if wind direction changed. No VOC levels exceeding background concentrations or the 5 PPM action level prescribed in the CAMP were identified throughout the duration of this project, and no stoppage of work was required. Copies of field data sheets relating to the CAMP are provided in Appendix 9.

4.2.6 Reporting

Daily reports, monthly monitoring reports, quarterly monitoring reports and status reports for the progression of work during the course of this project were recorded by Bergmann, Matrix, and the City of Rochester, see Appendix 6. The digital photo log required by the RAWP is included in electronic format in Appendix 7. Photos included within the digital photo log typically occur in chronological order.

4.3 CONTAMINATED MATERIALS REMOVAL

Remedial activities for contaminated materials removals at the Site were conducted in separate remedial phases during source area soil removals in March 2010 and March 2016. The 2010 source area soil removal and the 2016 source soil area removals included: site clearing/grubbing and excavation of PCS from source areas shown on Figure 3. During the 2010 and 2016 remedial phases, contaminated media (soil, groundwater, and LNAPL) was properly excavated and removed from the Site. Per the RAWP, excavated soils were classified as one of the following:



Class of Soil or Materials	Physical Description	Removal, Handling and Loading Responsibility	Transportation and Disposal Responsibility	Re-Use for On-Site Backfill
Class 1 Soil	Non-impacted soils not exhibiting visual or olfactory evidence and with PID measurements of less than 10 ppm	TREC or Matrix	Re-used on-Site as backfill	TREC and Matrix
Class 2 Soil	Petroleum Contaminated Soils (PCS) exhibiting with PID measurements of greater than 10 ppm	TREC or Matrix	TREC or Matrix	Not Used
Class 3 Materials	Concrete, pavement wood, miscellaneous materials	TREC or Matrix	TREC or Matrix	Not Used

During excavation activities, VOC monitoring was conducted by Bergmann, City of Rochester and Matrix. Overall materials management was conducted by TREC or Matrix during the remedial phases. A list of the SCOs for the contaminants of concern for this project are provided in Table 2. The total quantities of each category of soil material removed from the Site and their disposal locations are identified in the following sections.

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

Table 3 presents the total quantities of each category of material removed from the site and the disposal locations. A summary of the samples collected to characterize the waste, and associated analytical results are summarized on Table 1 Nature and Extent of Contamination.

Letters from Applicants to disposal facility owners and acceptance letters from disposal facility owners are attached in Appendix 8. Manifests and bills of lading are included in electronic format in Appendix 8.

4.3.1 Class 1 Soil

Class 1 soils were excavated during the 2010 Impacted Surface and Source Area Soil Removal phase and during trench excavations for the 2016 Free Product Recovery and Groundwater Remediation phase. During the 2010 remedial phase, approximately 450 tons of Class 1 soils was re-used on-site as backfill material in Excavation Areas 1A, 1B, 2 and 3 see Figure 5. Approximately 1,900 tons of backfill soil was imported from the 1315 South Plymouth Avenue, City of Rochester borrow source, see Figure 5. During the 2016 source area excavation phase, soils showing no evidence of impacts (visual, olfactory, or PID reading less than or equal to 10 ppm) were used to backfill trenches for the VEGE and O2 system laterals and approximately 70 tons of non-impacted



soils from ground surface to approximately four (4) feet were re-used as backfill into the 2016 source area removal excavation. The class 1 soil re-used during the 2010 Impacted Surface and Source Area Soil Removal phase and 2016 Source Area Soil Removal phases met the field screening criteria and or laboratory sample criteria for re-use on site, see Appendix 13.

4.3.2 Class 2 Soil

Class 2 soil were excavated and disposed off-site at a permitted landfill facility during the 2010 and 2016 remedial phases. Class 2 soils were encountered unexpectedly during the March 2016 remedial phase when excavating trenches for VEGE and O2 laterals. Gray/black stained soils with petroleum odors encountered in the trenches and PCS exhibited elevated PID readings greater than 500 ppm. NYSDEC was contacted and it was agreed that a source area soil removal would be completed followed by continuation of the Free Product Recovery and Groundwater Remediation remedial phase. The March 2016 excavation area is located in the north central part of the Site, see Figure 3. Class 2 soil was directly loaded into trucks for off-site disposal or temporarily stockpiled until off-site for disposal. TREC and Matrix implemented all applicable safety measures associated with the staging areas and stockpiles on a daily basis, which included covering stockpiled Class 2 soils and temporary fencing of the excavations at the conclusion of each working day.

4.3.2.1 Disposal Details for Class 2 Soil

Approximately 2,143 tons of Class 2 soil was transported to Mill Seat Landfill facility (Waste Management of New York) during 2010 Impacted Surface and Source Area Soil Removal phase. Riccelli Enterprises transported the Class 2 soil in Part 364 permitted trucks to the Waste Management Mill Seat landfill in Bergin, NY. Approximately 865 tons of Class 2 soil was transported to Waste Management of New York High Acres Landfill, Fairport, NY during the 2016 Source Area Soil Removal phase, see Table 3. Refer to Appendix 8 for waste manifests and weigh tickets associated with the removal of Class 2 soil from the Site.

4.3.3 Class 3 Material

Class 3 materials excavated, stockpiled, and removed from the Site included concrete, pavement grass, brush, or tree materials removed during the remedial phases. Class 3 materials were staged in roll-off dumpsters or in stockpiles until removal from the Site for off-site disposal. The Class 3 materials were segregated and removed during the 2010 Impacted Surface and Source Area Soil Removal phase and 2016 Free Product Recovery and Groundwater Remediation phase, see Table 3 and Appendix 8. Concrete removed during 2010 was taken to the City of Rochester's Operations for crushing and recycling. Brush, trees, and leaves were taken off-site by City's Operations as part of the City's mulch and reuse program.



4.3.3.1 Disposal Details for Class 3 Material

Approximately 60 tons of Class 3 material (concrete from excavations) was transported by Kimball trucking to the City of Rochester maintenance facility during May 2010; see Table 3. Approximately 18 tons of Class 3 material (concrete from excavations) was transported by Riccelli Trucking (Riccelli Enterprises, Inc. to Dolomite facility during the 2016 Source Area Soil Removal. Refer to Appendix 8 for weigh tickets associated with the removal of Class 3 materials from the Site. A contour map of the estimated cut and fill thickness for remedial activities at the Site are included in Figure 4.

4.3.4 Well Decommissioning

Monitoring well MW-7 was originally installed in 2005 during the Site Investigation and was destroyed due to excavation activities during the March 2010 Surface and Source Area Soil Removal Phase. Attempts were made to maintain MW-7 as PCS was excavated. However, the extent of the PCS extended beyond MW-7 near the north sidewall of the excavation Area 3. Therefore, the monitoring well collapsed into the excavation. The entire well casing and well screen was removed and backfilled with excavation Area 3. Monitoring well MW-7 was replaced with MW-7R on May 19, 2010. MW-7R was installed at the approximate locations of MW-7 and to the same specifications.

Groundwater monitoring wells MW-7R, MW-9R, and MW-15 were destroyed due to excavation activities during the March 2016 source area soil removal and during the Free Product Recovery and Groundwater Remediation Phase in the excavation for sewer lateral discharge connection. Attempts were made to maintain MW-9R and MW-15 as PCS was excavated. However, the extent of the PCS extended beyond MW-15 near the north sidewall of the excavation and beyond MW-9R near the south sidewall. Therefore, these monitoring wells collapsed into the excavation. The entire well casings and well screens were removed and backfilled with the excavation. Monitoring well MW-7R was destroyed during excavation for the sewer lateral connection for groundwater discharge from the VEGE system. Monitoring well MW-7R was replaced, on May 20, 2016, at the same locations using the same specifications.

4.3.5 Construction Water Management

Construction water management for this project was required as the groundwater table was encountered during the completed remediation. Treated groundwater from the operation of the VEGE system was discharged to the Monroe County sanitary sewer system in accordance with permit issued by Monroe County Pure Waters, see Appendix 5.

Approximately, 483 gallons of free-phase petroleum product and water mixture was removed from groundwater monitoring wells MW-3, MW-4, MW-7, and MW-9R by New York Environmental Technologies, Inc. (NYETECH) using a vacuum truck in February 2010 prior to the Impacted Surface and Source Area Soil Removal Phase in March 2010. Approximately, 841 gallons of gasoline and water mixture was removed from excavation Area 4 on March 18, 2010 and 1,000



gallons on March 22, 2010. The free-phase petroleum product, gasoline and water mixture was transported by NYETECH for recycling at Industrial Oil Tank Service Corp. facility in Oriskany, New York, see Table 3 and Appendix 8.

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

The performance/confirmatory/documentation sampling results for each phase of remedial action are summarized below. After each phase the soil quality and groundwater quality on the Site was substantially reduced based on soil sample results, quantities of PCS transported for disposal, and groundwater sampling results.

- **Phase I: Impacted Surface and Source Area Soil Removal**

Confirmatory soil samples were collected from each excavation sidewall and bottom and submitted for laboratory analysis. Figure 3 illustrates the dimensions of each the Excavation Area and the excavation size is presented in Section 4.0 of this FER. Locations of confirmatory soil samples are presented in Figures 10 and 11.

The initial, post-source PCS removal groundwater sampling event was completed on May 27 and 28, 2010. The groundwater monitoring event included all on-Site and off-Site groundwater monitoring wells. This groundwater monitoring event included an inspection of the monitoring wells, depth to groundwater measurements, and field sampling parameters which were recorded on groundwater monitoring logs. Groundwater samples were collected from each well and analyzed for TCL VOCs and TCL SVOCs. Although, the groundwater quality was reduced from the levels during the 2005 SI/RAR, further groundwater remediation was required; see Tables 6 and 7.

Based on the analytical results of the confirmatory soil samples and the post-excavation groundwater results, the City of Rochester evaluated air sparging and direct in-situ chemical oxygen (ISCO) injections as groundwater treatment. The City of Rochester chose (ISCO) injections as the preferred treatment technology and obtained concurrence from the NYSDEC.

The laboratory data packages are presented in Appendix 10 and associated DUSRs are located in Appendix 11. The data summary tables presenting the confirmatory sampling results are presented on Table 4. The groundwater summary tables presenting the pre and post groundwater sampling results are presented on Table 7.

- **Phase II: Contaminant Reduction Action Phase In-situ Chemical Oxidation**

Groundwater conditions were evaluated approximately 90 days after the second injection event. Groundwater elevations were recorded at each Site monitoring well, LNAPL layer thickness was measured at MW-3, MW-4, MW-7R (replaced 5/19/10), and MW-9R, and groundwater samples were collected for laboratory analysis on March 7, 2012. A marked increase in the LNAPL thickness layer was observed in the target wells indicating successful desorption of petroleum contaminants from the bedrock fractures. Periodic groundwater monitoring was completed to track the LNAPL thickness within target wells over time. A gradual decrease in LNAPL thickness was observed in the target wells, which was attributed to re-adsorption of LNAPL into the bedrock fractures. With the exception of the target wells, all on and off-Site wells exhibited significant decreases in dissolved



phase total VOCs concentrations subsequent to the ISCO injections based on the sample results in Table 7. The results from this CRA phase were submitted to NYSDEC and used to design the Free Product Recovery and Groundwater Remediation phase that was implemented from March 2016 through December 2016.

- **Phase III: Source Area Soil Removal – March 2016**

Confirmatory soil samples were collected from the excavation sidewalls at approximately 25' intervals. Two (2) excavation bottom samples were collected from locations where bedrock was not encountered. Confirmatory soil samples were submitted for analysis of TAL Metals, TCL VOC's and TCL SVOCs. Figures 3 and 10 illustrates the excavation dimensions and the corresponding confirmatory sample locations.

Laboratory results for confirmatory soil samples were compared to 6 NYCRR Part 375 Soil Cleanup Objectives for Unrestricted, Restricted Commercial Re-Use and Protection of Groundwater. Laboratory results indicated concentrations of VOCs, SVOCs, and metals were below restricted Commercial SCOs. Acetone was detected slightly above Protection of Groundwater SCOs at 0.137 ppm, in one (1) confirmatory soil sample collected from the Southwest Sidewall-7 (SW-SW-7). Summary Tables of the laboratory analysis results for confirmatory (end point) samples are included in Table 4. Complete copies of the confirmatory soil sample analysis reports are included in Appendix 10.

- **Phase IV: Free Product Recovery and Groundwater Remediation – March 2016 to December 2016**

The VEGE system was operated from June 15, 2016 through December 31, 2016. The performance of this system is based on the mass removal of VOCs in vapor and in dissolved VOCs in groundwater. The April 2016 Baseline sampling results, quarterly monitoring results and monthly monitoring results indicate that the removal of LNAPL was completed and dissolved phase groundwater quality was reduced to levels acceptable to terminate the operation of the VEGE system at the end of December 2016 and activate the O₂ injection system with SVE in January 2017. The data that demonstrated the effectiveness of operation and monitoring the VEGE system during 2016 is presented in the monthly monitoring, project status reports and groundwater monitoring quarterly reports, see Appendix 6.

- **Summary of VEGE System Operation & Performance**

The VEGE system extracted hydrocarbon vapor, groundwater, and LNAPL from nine (9) recovery wells (EX-1 through EX-9). The recovery wells were each equipped with a pneumatic submersible pump for groundwater/LNAPL extraction and a single surface mounted regenerative blower was used to apply vacuum to the sealed recovery wells. The pumping rate was set to dewater the target zone, which was the upper ten (10) feet of fractured bedrock. Vacuum was then applied to the recovery wells to optimize the extraction of fluids. The VEGE system was activated on May 23, 2016, and the system was 100% operational with the exception of a five-day period at the end of June 2016 due to electrical issues with the pumping system equipment. The system was deactivated from August 11-31, 2016 to allow groundwater levels to rise to static conditions prior to the quarterly sampling event. LNAPL was not detected in the monitoring wells during a July 13, 2016 inspection. At startup, 0.03 and 0.07 feet of LNAPL were detected in MW-3 and MW-4. The VEGE System was deactivated on January 9-10, 2017 in conjunction with the start-up of the O₂ injection system as described in an addendum to the RAWP.



During the VEGE System's active operations, effluent water samples collected from the system were below laboratory detection limits for all VOC and SVOC compounds with the exception of one (1) sample collected on May 23, 2016 in which xylene was detected at a concentration of 11.0 µg/L, however, was below discharge standards. The vapor discharge from the air stripper (as calculated by influent water concentrations and system pumping rate) was below the discharge limit for benzene emissions. The vapor system effluent concentrations did not exceed regulatory discharge limits for benzene emissions during the VEGE System's active operations. Refer to Appendix 6 for monthly and quarterly monitoring reports.

- **Summary of O₂ System Operation & Performance**

Baseline groundwater quality data collected on January 10, 2017 (startup of the O₂ system) indicated that DO levels and ORP readings were lower in the monitoring wells located within the VOC groundwater plume compared to background levels.

Average DO collected in December 2017/January 2018 was 8.6/8.5 mg/L which was in the target aerobic biodegradation range of 5-10 mg/L.

The results of all confirmatory soil samples and post-remediation groundwater samples were submitted to NYSDEC and evaluated after each remedial phase to understand the effectiveness of the remedy based on the RAWP and ROD. These results indicated that each phase of remediation was completed in accordance with DER-10 requirements and objectives in the ROD and RAWPs. Summary data tables and figures for each phase of end-point sampling are presented in the Tables 4 and 5 and all exceedances of SCOs and groundwater standards are highlighted in tables. Figures 10, 11, and 15 presented the Exceedances of Unrestricted Soil Cleanup Objectives, Remaining Sample Levels & Exceedances, and Remaining Groundwater Sample Levels & Exceedances; respectfully. The result of the combined remediation phase has substantially reduced the volume and contaminant concentrations of PCS and petroleum impacted groundwater based on the confirmatory soil sample results and groundwater monitoring results. Residual petroleum impacted soils and groundwater remain and will be managed under the SMP. In addition, the O₂ system with the SVE trench will be operated in accordance with the SMP to ensure further reduction of petroleum chemical compounds in the soil and groundwater media.

Copies of the laboratory results of confirmatory soil samples and post-remediation groundwater samples is presented in Appendix 10. In addition, Remediation Systems Status reports and quarterly groundwater monitoring that document the performance of the VEGE system are also included in Appendix 6. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix 11.

4.5 IMPORTED BACKFILL

During the course of this project, various types of approved, imported backfill were utilized to backfill the source area soil removal excavations and for final grading of the Site. For each type/source of backfill, one of the following was completed prior to importing the backfill.

1. Documentation was provided as to the source of the material and the consistency of the material in accordance with the exemption for no chemical testing listed in DER-10 Section



- 5.4(e)(5); or,
 2. Chemical testing was completed in accordance with the following table:

Recommended Number of Soil Samples for Soil Imported To or Exported From a Site			
Contaminant	VOCs	SVOCs, Inorganics & PCBs/Pesticides	
Soil Quantity (cubic yards)	Discrete Samples	Composite	Discrete Samples/Composite
0-50	1	1	3-5 discrete samples from different locations in the fill being provided will comprise a composite sample for analysis
50-100	2	1	
100-200	3	1	
200-300	4	1	
300-400	4	2	
400-500	5	2	
500-800	6	2	
800-1000	7	2	
1000	Add an additional 2 VOC and 1 composite for each additional 1000 cubic yards or consult with DER		

*Taken from DER-10-Table 5.4(e)10.

The following imported backfill materials were utilized at the Site for construction materials for backfilling excavations, backfilling trenches for VEGE system laterals and O2 system with SVE laterals. The backfilled volumes and source, On-site backfill placement locations, sample results, and approvals are described below.

Backfill Volumes and Sources

Area 1A – approximately 230 tons of on-site re-used non-impacted soils from Area 4. Non-impacted soils from excavation Area 4, from ground surface to 4-feet, were field screened with a PID with measurements less than 10 ppm.

Area 1B – approximately 150 tons of on-site re-used non-impacted soils from Area 4. Non-impacted soils from excavation Area 4.

Area 2 – approximately 70 tons of on-site re-used non-impacted soils from Area 4. Non-impacted soils from excavation Area 4 and 480 tons of on-site re-used non-impacted soils from Area 2 and 1,060 tons from Plymouth Street.

Area 3 – approximately 75 tons of on-site re-used non-impacted soils from Area 4 and 245 tons of on-site re-used non-impacted soils from Area 3 and 440 tons from Plymouth Street.

Area 4 – Approximately 934 tons from Area 4 re-used as backfill and 400 from Plymouth Street.



2016 March Source Soil Removal Excavation – 70 tons of re-used on-site soils from this excavation screened below 10 ppm and 795 tons from the Dolomite Group Walworth, NY source.

On-site Backfill placement locations

The locations of backfill soils in Site excavations is presented on Figure 5 and 6 as well as on Table 9 – Backfill Quantities and Sources presents approved backfill quantities and sources.

Sampling Results

South Plymouth Avenue Soil Pile Backfill Characterization and Test Results

Soil test pit characterization sampling took place at the 1315 South Plymouth Avenue Site on July 31, 2009. Characterization sampling was performed in accordance with the approved plan dated May 11, 2009. Six (6) test pits (1 test pit per 250 yd³) were excavated in the staged soil pile. Soils were field screened for evidence of contamination (e.g., staining or odors), a soil profile was developed, and one composite soil sample was collected from each test pit for field headspace analysis. The soil material was composed of brown, fine to coarse sand and gravel with varying amounts of organic matter, cobbles, concrete, brick, clay pipe and asphalt fragments. The asphalt fragments encountered ranged in size from 6 inches to several feet in diameter and could be easily separated from backfill material to be exported off-site. No obvious evidence of staining or odors was observed. Field headspace readings were recorded using a HNu DL 101 PID equipped with a 10.2 ev lamp. Soil headspace concentrations from the test pits ranged from 0.2 to 0.4 parts per million (ppm).

One (1) sample from each test pit was submitted to Paradigm Environmental Services, Inc. (ELAP Number 10958) for ASP Category B analysis for Metals, VOCs, SVOCs and Pesticides/ PCBs in accordance with the approved Work Plan. Soil analytical results were compared to NYCRR Part 375 Soil Clean-up Objectives (SCOs) for Restricted Commercial Use and for the Protection of Groundwater. In addition, total cPAH concentrations were compared to the ROD specific soil cleanup objective of 5 ppm.

Laboratory results for the test pit soil samples indicated concentrations for all parameters were below both NYCRR Part 375 SCOs for Restricted Commercial Use and for the Protection of Groundwater. Total cPAH concentrations from the test pit soil samples detections ranged from 1.49 to 4.92 ppm below the site-specific clean-up goal of 5 ppm of total cPAHs. Based on field observations recorded during test pit excavation and on the laboratory analysis results, soils from the 1315 South Plymouth Avenue borrow pile met the NYSDEC's criteria for re-use as backfill at the 1200 East Main Street ERP Site. NYSDEC approved the Plymouth Avenue soil pile for re-use at the 1200 East Main Street site as backfill material. Laboratory backfill soil sample results from 1315 South Plymouth Avenue soil pile is presented in Appendix 13. Approximately 1,900 tons of backfill material was imported from the 1315 South Plymouth Avenue soil pile.

Test Results and Specifications for Backfill from The Dolomite Group Walworth Plant, NY

Approximately 795 tons of #2 Crushed stone was imported to the Site for use as backfill in the March 2016 source area soil removal excavation. The results of a sieve test (current NYSDOT Test # 12 AR 71) for NYSDOT Source #3-8R were provided by the Dolomite Group. The sieve test specifications for the #2 crushed stone from the dolomite Walworth plan are presented in Appendix 13.



Test Results and Specifications for Backfill from The Dolomite Group Gates Plant, NY

Approximately 20 tons of #2 Crushed stone was imported to the Site for use as backfill in the excavation for the sanitary sewer lateral connection to the VEGE lateral for treated groundwater in March 2016. The results of a sieve test (current NYSDOT Test # 99 AR 55S) for NYSDOT Source #4-6R were provided by the Dolomite Group. The sieve test specifications for the #2 crushed stone from the dolomite Walworth plan are presented in Appendix 13.

Backfill Approvals

The backfill soils that were imported to the Site were approved by NYSDEC. The approval documentation is presented in Appendix 4.

4.6 CONTAMINATION REMAINING AT THE SITE

The remedy was implemented in four (4) phases:

- Impacted Surface and Source Area Soil Removal Phase (March 2010);
- Contaminant Reduction Action Phase (December 2011);
- Source Area Soil Removal Phase (March 2016); and
- Free Product Recovery and Groundwater Remediation Phase (March 2016 thru December 2016).

The Source Area Soil Removal Phases removed the grossly contaminated soil (PCS) material that had significant nuisance characteristics and elevated PID field measurements. The Contaminant Reduction Action Phase reduced the concentration of dissolved petroleum chemical compound VOCs concentrations detected in the Site's bedrock groundwater. However, LNAPL persisted at the Site. The Free Product Recovery and Groundwater Remediation Phase has been implemented to further reduce the concentration of dissolved phase petroleum chemical compounds concentrations in bedrock groundwater as well as remove the LNAPL at the Site. The contamination remaining after each phase of completed remedy phases is summarized below.

4.6.1 Remaining Contamination

A summary of contamination remaining at the Site after completion of the combined remedy phases is presented in the following subsections for each environmental media in the subsurface. The confirmatory soil sample results in Table 4, from the Impacted Surface and Source Area Soil Removal phase (March 2010) and from the 2016 Source Area Soil Removal, confirm that soil source areas were successfully removed. The petroleum VOCs, SVOCs, and metals concentrations in these areas contains residual concentrations that are generally below Commercial SCOs.

4.6.2 Soil

The conditions of the on-Site Soils are presented below and represents the levels of impacts at the time of after remedy implementation. The source of the VOCs, SVOC and metals that remain in Site soils is from the former use of the Site as a gasoline service station. The major compounds that remain are VOCs typically found in gasoline. Minor compounds that remain in Site soils are SVOCs and metals typically



found in diesel fuel oil and used motor oil. It should be noted that off-site Soil exceedances for VOCs, SVOC and metals have not been detected at limited sample locations.

Remaining VOCs in Soil

Gasoline chemical compounds VOCs are the major compounds identified as remaining in the Site soil samples. The levels of gasoline chemical compound VOCs detected in confirmatory (end point) soil samples represent low levels and occasional exceedances of Unrestricted Use SCOs (Part 375-6) after implementation of the remedial action. The following gasoline VOC chemical compounds remained on Site that exceed Unrestricted Use SCOs and Protection of Groundwater Standards:

- Ethylbenzene
- n-Propylbenzene
- Toluene
- 1,2,4 –Trimethylbenzene
- 1,3,5 – Trimethylbenzene
- Xylene

Acetone was also identified as a remaining VOC that exceeds Unrestricted Use SCOs and protection of groundwater standards.

Remaining SVOCs in Soil

No exceedances of SVOCs above Unrestricted Use SCOs and protection of groundwater standards.

Remaining Metals in Soil

Low levels of Chromium and Lead remain in Site Soils that exceed Unrestricted Use SCOs.

A summary of all remaining exceedances of SCGs after completion of the remedial action is presented in Table 4. This Table includes Unrestricted Use SCOs, Commercial Use SCOs and Protection of Groundwater Standards. The locations of all remaining soil exceedances of Unrestricted Use SCOs is presented on Figure 10 - Exceedances of Unrestricted Soil Cleanup Objectives. The horizontal estimated distribution of remaining contaminated and non-impacted soils are based on field observations, laboratory results and interpolations between investigation locations and non-investigated locations, see Figure 11. The remaining soil sample levels and exceedances are presented on Figure 11. The approximate estimated vertical distribution of remaining contaminated and non-impacted soils is presented on a Geologic cross-section; see Figure 12 - Geologic Cross-Sections Location Map in Figures 13 - Remaining Soil Contamination Vertical View Cross Section A-A¹ and 14-Remaining Soil Contamination Vertical View Cross Section B-B¹ are based on the same parameters noted for horizontal distribution. Figures 13 and 14 also indicate the estimated elevation of the top of remaining soil contamination and thickness.

The estimated volume of remaining soil contamination that exceeds Unrestricted SCOs is approximately 1,500 cubic yards based on the estimated horizontal and vertical distribution indicated in Figures 11, 12, and 13. Approximately 500 cubic yards of remaining PCS is anticipated from 4 to 10 feet below the ground surface meets commercial and industrial SCO levels and the balance of 1,000 cubic yards is anticipated from 10 to 16 feet or the bottom 6 feet of soil that overlies the top of bedrock. The remaining PCS from approximately 10 to 16 feet likely have higher concentrations of petroleum VOCs and generally



are anticipated to comply with commercial and industrial SCOs. It is possible that limited and isolated exceedances of commercial and industrial SCOs may occur in the bottom six (6) feet in remaining PCS areas. PCS soils are not anticipated Site-wide from the ground surface to four (4) feet below ground surface and in the remediated soil removal excavations areas noted on Figures 3, 4, 5, and 6 from the ground surface to depths ranging from 13 feet to 16 feet.

All contaminated soils encountered in future excavations must be handled in accordance with the SMP and the Excavation Work Plan provided in Appendix 14 of this FER. Future soil sampling during re-development for NYSDEC compliance must be completed in accordance with the Quality Assurance and Quality Control and Quality Assurance Project Plan in the SMP. Future soil monitoring and sampling for completion of the remedy during Operation and Maintenance of the oxygen injection system is not required. It should be noted that active subsurface utilities lines are not present at the Site at this time. Temporary sanitary sewer lateral (4-inch PVC piping) installed for discharge of treated groundwater from the VEGE system, VEGE / oxygen injection laterals, 1-inch PVC injection wells and 2-inch PVC monitoring wells are present, see Figure 9. The sanitary PVC sewer pipe lateral will require abandonment in accordance with City of Rochester codes and the oxygen injection wells and monitoring wells will need to be abandoned in accordance with NYSDEC CP-43 Monitoring Well Abandonment procedures.

4.6.3 Groundwater

Low levels of petroleum VOCs and SVOCs remain in Site groundwater at concentrations slightly exceeding SCGs. In addition, LNAPL observed during the SI/RAR and from March 2010 through December 2016 was removed during the Contaminant Reduction Action Phase using In-situ Chemical Oxidation and Free Product Recovery and Groundwater Remediation Phase by means of operation of the VEGE System.

The groundwater contamination has been substantially reduced after completion of each phase of the remedy based on post-remediation groundwater monitoring, see Table 5. The potential for low level contamination migrating off-site with groundwater had also been reduced. Low level contaminant levels should decrease over time due to the completed source area soil removals completed during 2010 and 2016 and with the completion of the VEGE groundwater remediation at the end of December 2016. Post-remediation groundwater quality will be monitored during a 2-year period coincident with operation and maintenance of the oxygen injection system that will further reduce low level groundwater concentrations. NYSDEC approval is required to terminate or reduce the frequency of groundwater monitoring and these approvals would require an amendment to this SMP.

Remaining VOCs in Groundwater

Gasoline chemical compounds VOCs are the major compounds identified as remaining in the Site groundwater samples. The levels of gasoline chemical compound VOCs detected generally represent low levels (low parts per billion range) and occasionally exceeds NYSDEC Part 703.5 Groundwater Standards and NYSDEC T.O.G.S. 1.1.1 standards after implementation of the remedial actions (Combined remedy phases). The following gasoline chemical compounds VOC remained on Site at the issuance of the FER that exceed groundwater standards:

- Benzene
- Ethylbenzene



- Isopropylbenzene
- Methyl Tert-butyl Ether
- Xylene

Acetone was identified as a remaining VOC at the time of issuance of the FER that exceeds groundwater standards.

Remaining SVOCs in Groundwater

Naphthalene was the SVOC that remained in Site groundwater at low levels that exceeded groundwater standards.

A summary of all remaining SCGs, after completion of the remedial action at the issuance of the FER, are presented in Table 5. The locations and distribution of all remaining groundwater exceedances are presented on Figure 15 – Remaining Groundwater Sample Levels & Exceedances. The depth of the groundwater on site ranges from approximately 16 to 20 feet below ground surface at elevations of 492 to 496 above sea level; see Table 8 – Groundwater Elevation Measurements. The remaining detection and distribution of gasoline VOCs indicates random and isolated detection in on-site Groundwater. However, it is possible to encounter impacted groundwater below the entire Site. It is also possible that low levels of gasoline VOCs may be detected in the groundwater at down-gradient off-site locations that adjoin the Site, including 1214/1216 East Main Street, see Figure 15 that indicates the groundwater flow direction towards off-site properties. Operation of the Oxygen Injection System with SVE will further reduce the remaining levels of dissolved phase gasoline VOCs in the groundwater on-site.

All contaminated groundwater encountered in future excavations, during re-development, must be handled in accordance with the SMP, see Appendix 14. Future groundwater monitoring is required on a quarterly sampling frequency for NYSDEC compliance as part of the remedy. Quarterly Sampling is required as part of the SMP.

4.6.4 Soil Vapor

Soil vapor (soil gas) samples have been collected and evaluated at on-Site and off-site locations during SI/RAR.

On-Site Soil Vapor

At the issuance of the FER, the entire 1200 East Main Street Site had potential for vapor intrusion into future Site buildings due to the remaining soil and groundwater contamination, see Figure #16 – Area of Vapor Concern. Future Site redevelopment will require soil vapor intrusion evaluation and will be coordinated with and submitted to NYSDEC and New York State Department of Health (NYSDOH). The SMP will be revised accordingly when the Site is re-developed to take into account any engineering controls at that time.

Off-Site Soil Vapor

A SSDS was designed and installed in accordance with the NYSDEC issued ROD, dated March 31, 2006, at 1214/1216 East Main Street to mitigate vapor infiltration into the neighboring residential



building. This residential building was demolished in December 2016 (Figure #16), therefore, at the issuance of the FER the potential for a human receptor occupying the residential building has been removed.

As part of the pre-design criteria for any future construction at the 1214/1216 East Main Street parcel, soil vapor samples and a future SSDS will be required by and to be coordinated with NYSDEC and NYSDOH. The SMP will be revised accordingly when the 1214/1216 East Main Street property is re-developed to take into account engineering controls at that time.

4.7 ENGINEERING CONTROLS

Since there is contamination remaining at the Site in the soil and groundwater at the Site, Engineering Controls (EC) are required to protect human health and the environment. Exposure to remaining contamination in soil/soil vapors /groundwater at the Site is prevented by implementation of the oxygen injection (O₂) and soil vapor extraction (SVE) systems which will further reduce residual concentrations of dissolved phase petroleum VOCs in the groundwater.

Procedures for monitoring, operating and maintaining the Oxygen Injection system and the Soil Vapor Extraction system are provided in the Operation and Maintenance Plan in the SMP. The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.7.1 Oxygen Injection System and Soil Vapor Extraction System

The O₂ system and SVE system are engineering controls designed and installed to address remaining post-remediation contamination present in the groundwater at the Site. The O₂ injection system provides delivery of oxygen into the low level impacted subsurface for biodegradation of petroleum VOCs and the SVE trench system is operated to prevent potential off-site vapor/soil gas emissions of VOCs vapor that may result when the O₂ system is in operation.

Procedures for operating and maintaining the Oxygen Injection System and the SVE system are documented in the Operation and Maintenance Plan (Section 5.0 of the SMP). As built drawings (Figure #17), are included in the OM&M located in Appendix 15. The locations of Engineering Controls (EC) are shown on Figure 17 – Engineering Controls location.

4.7.1.1 O₂ Injection and SVE Systems Design and Installation

The oxygen injection system was designed based on groundwater quality data collected from 2006 through November 2016. The final design and number of the oxygen injection points were based on increasing dissolved oxygen to at least 5 mg/L throughout the post VEGE groundwater plume. Figures for the oxygen injection system are included in the OM&M Plan located in Appendix 15.

The oxygen injection points were designed to allow oxygen flow into the bedrock fractures and increase dissolved oxygen in the upper portion of the water table zone.



Each oxygen injection point consisted of one-inch ID SCH40 PVC with a one-foot section of 0.010-inch slot screen above a one-foot section of PVC riser set near the bottom of the well as shown in Figure 1A – O₂ Injection Well Detail presented in the Appendix 15. A sand filter pack was placed into the well around the oxygen injection point to a depth of approximately 22-25 feet. A 2-foot bentonite seal was placed above the sand pack followed by grout to a depth of approximately five feet bgs. Nine (9) oxygen injection points were installed at the locations on Figure 17.

Process piping for the O₂ includes ½-inch ID HDPE airline connected to the top of the oxygen injection point as shown in Appendix 15. The opposite end of each line was connected to the oxygen delivery manifold in the O₂ system trailer.

O₂ System is mounted in a single axle cargo trailer and includes the following components/features:

- Six (6) foot by ten (10) foot insulated cargo trailer with rear locking double doors, trailer jacks, lighting, air conditioner and 120-volt duplex receptacle.
- AirSep Model AS-D oxygen generator with a 120-gallon surge tank, regulator, and oxygen purity analyzer. The generator produces 90 SCFH of oxygen at 90-95% purity. Single phase/ 60 Hz/110 volts.
- Kaeser SX-6 rotary screw air compressor with air dryer, inline filters, 60-gallon pressure tank, and low sound enclosure rated for 21 SCFM @ 110 psi. A 5 HP TEFC motor, single phase/ 60 Hz/230 volts. The compressor includes a Sigma programmable logic controller.
- Manifold for up to 32 injection points to include individual pressure gauges (0-30 psi) and Dwyer variable area flow meters (10-100 SCFH).
- Four oxygen clean solenoid valves with each controlling oxygen flow to a bank of eight injection points.
- 125-amp electrical panel (NEMA 1 load center) with breakers located inside the trailer, surge protection and 100-amp (NEMA 3R rainproof) safety switch on outside of trailer. All wiring is copper in Liquid-Tight flexible conduit (steel jacket) or UL listed SCH40 PVC rigid electrical conduit.
- U.L. certified Direct Logic PLC control system with touch screen feature.

Piping and Instrumentation Diagram (P&ID) presented in Appendix 15.

Ambient air is compressed to 110 pounds per square inch (PSI) and conditioned through a series of filters and a refrigerated air dryer. The dry compressed air flows to an oxygen generator where the nitrogen is removed through a process called pressure-swing adsorption (PSA). This process uses a molecular sieve (synthetic zeolite) which adsorbs nitrogen at high pressure and releases it at low pressure. The resulting gas stream with an oxygen purity of 90 to 95% is stored in a receiver tank for injection into the groundwater plume. This process of generating oxygen gas produces no waste other than nitrogen which is inert and purged to the atmosphere. It is also a safe and reliable



process that does not require special handling as with high pressure oxygen cylinders, liquid oxygen or hydrogen peroxide. The equipment is contained in an insulated cargo trailer and includes heating, ventilation, and electrical controls, see Appendix 15.

The electrical specifications are listed below and an electrical schematic is presented in Appendix 15.

After the O₂ system was operational, the oxygen delivery system was leak tested and the O₂ injection points were tested for flow and pressure. All adjustments were completed during the initial start-up before the system was placed into full time operation during January 2017. It is anticipated that the O₂ system and SVE blower may be in operation for approximately 24 months.

The oxygen injection points were developed prior to startup. Baseline groundwater data, including dissolved oxygen (DO) and oxidation-reduction potential (ORP), were collected prior to the startup of the system from each injection point and on-site monitoring wells. Startup of the system consists of testing and monitoring all of the electrical and mechanical components, as outlined in the Operation Manual, see Appendix 15, until operating within the defined set of parameters. The oxygen purity was measured at start up and at each site visit using real time instrumentation.

Operating data, includes all readings from the compressor, compressed air storage vessel, oxygen generator, oxygen gas storage vessel, individual flowmeters and pressure gauges for each injection point is also recorded at startup. Oxygen flow to the points is monitored via the dedicated Dwyer variable area flowmeter and pressure gauge. The oxygen flow rate to each injection point was set to 30 SCFH at startup and reduced to 15 SCFH. This flow rate generally provides efficient oxygen dispersion without causing the volatilization of VOCs from groundwater. The flow rate may be modified based on the DO monitoring data. However, the system is designed to operate at a flow rate between 15 and 50 SCFH per point. Each bank of points is set to pulse for ten (10) minutes every four (4) hours resulting in oxygen mass injection rates of 2.25 lbs. per day to each injection point. An increase in the injection frequency and/or oxygen flow rates can be made as long as the total oxygen output from the system does not exceed 75% of the production capacity. This provides adequate output pressure during a complete run cycle and prevents excessive motor starts on the compressor.

The actual oxygen flow rates, injection intervals and injection duration will be optimized on-site for each injection point, and routinely adjusted, based on the groundwater DO data. Based on the injection point spacing, depth below the water table and oxygen solubility in groundwater, per point mass injection rates will range from one (1) to four (4) lbs. per day.



4.7.1.2 Operation & Maintenance of O2 and SVE Systems

Procedures for monitoring, operating, and maintaining the O2 and SVE system are provided in the operation and maintenance plan is provided in Section 5 of the SMP. The monitoring Plan also addresses inspection, procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

Refer to Appendix 6 for documentation of system performance and effectiveness results.

4.7.2 Sub Slab Depressurization System

The former off-site SSDS that was located at 1214/1216 East Main Street was destroyed when the residential building was demolished in December 2016. The SMP will be revised accordingly when 1214/1216 East Main Street is re-developed to take into account any engineering controls at that time.

4.8 INSTITUTIONAL CONTROLS

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

The environmental easement for the site was executed by the Department on March 25, 2016, and filed with the Monroe County Clerk on June 1, 2016. The County Recording Identifier number for this filing is 201606010740. A copy of the easement and proof of filing is provided in Appendix 3.

In addition, the City controls future redevelopment uses at the Site by attaching an activities use limitation restriction (AUL) flag in its Building Information Systems (BIS) database. Under this restriction, no new building permits may be issued without a plan review being conducted by qualified Division of Environmental Quality staff.

4.9 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

RAWP Modification - VEGE and O2 Systems

A modification to the VEGE well design and schedule of system operations was proposed in the April 27, 2016 addendum to the RAWP so that nine (9) separate wells were to be installed for the VEGE system and twelve (12) separate wells installed for the oxygen injection system. The modification allows for (1) the VEGE wells were installed to intercept the top of the water table with the potential to increase LNAPL and VOC vapor recovery during the initial months of operation and; (2) a decrease in the amount of time required for active remediation by expediting conversion between the two remediation methods.

The locations of the VEGE and oxygen injection wells is shown on Figure 9 – VEGE & O2 Injection with SVE Systems As-Built Figure.



In Situ Chemical Oxidation

After the record of decision was issued, petroleum product was observed in four (4) monitoring wells. Previous attempts to recover and remove the Light Non-Aqueous Phase Liquid (LNAPL) from the monitoring wells failed to reduce the condition.

An alternative method to reduce the dissolved phase gasoline chemical concentrations in groundwater was implemented by means of an in Situ chemical oxidation (ISCO) application. The ISCO injections were applied to three (3) treatment areas (Treatment Areas 1 through 3). Treatment Area 1 was approximately 45 ft. by 24 ft. by 10 ft. thick and was centered on monitoring well MW-9 and extended to MW-15. Treatment Area 2, approximately 21 ft. by 12 ft. by 10 ft. thick, was centered on monitoring well MW-4. Treatment Area 3, approximately 21 ft. by 12 ft. by 10 ft. thick, was centered on monitoring well MW-7.



TABLES

Table 1
Nature and Extent of Contamination
Site Number B-00129-8
1200 East Main Street
Rochester, New York

SURFACE SOIL	Contaminants of Concern	Concentration Range Detected (ppm)^a	SCG^b (ppm)^a	Frequency of Exceeding SCG
Semivolatile Organic Compounds (SVOCs)	Benzo(a)anthracene	ND-22	0.224	13 of 15
	Benzo(a)pyrene	ND-19	0.061	12 of 15
	Benzo(b)fluoranthene	ND-17	1.1	9 of 15
	Benzo(k)fluoranthene	ND-16	1.1	5 of 15
	Dibenzo(a,h)anthracene	ND-0.82	0.014	7 of 15
	Indeno(1,2,3-cd)pyrene	ND-11	3.2	2 of 15
	Chrysene	ND-20	0.4	13 of 15
	Fluoranthene	ND-61	50	1 of 15
	Total PCBs	ND-3.012	1	1 of 6
PCBs	Arsenic	ND-11.6	7.5 or SB	3 of 9
Inorganics	Lead	89-1,050	200-500	6 of 9
	Mercury	ND-0.44	0.1 or SB	8 of 9
SUBSURFACE SOIL	Contaminants of Concern	Concentration Range Detected (ppm)^a	SCG^b (ppm)^a	Frequency of Exceeding SCG
Volatile Organic Compounds (VOCs)	Acetone	ND-0.3	0.2	1 of 47
	2-Butanone (MEK)	ND-1.1	0.3	2 of 47
	1,2,4-Trimethylbenzene	ND-140	10	6 of 25
	1,2,5-Trimethylbenzene	ND-6.7	3.3	6 of 25
	Benzene	ND-1.6	0.06	2 of 47
	Ethylbenzene	ND-37	5.5	5 of 47
	Isopropylbenzene	ND-7.0	NA	NA
	Toluene	ND-8.5	1.5	2 of 47
	m,p-Xylene	ND-52.0	1.2	2 of 47
	o-Xylene	ND-14.0	1.2	7 of 47
	n-Propylbenzene	ND-4.9	NA	NA
	Napthalene	ND-30	13	1 of 25
	Bromobenzene	ND-7.9	NA	NA
	Methylcyclohexane	ND-14	NA	NA

Table 1
Nature and Extent of Contamination
Site Number B-00129-8
1200 East Main Street
Rochester, New York

SUBSURFACE SOIL	Contaminants of Concern	Concentration Range Detected (ppm) ^a	SCG ^b (ppm) ^a	Frequency of Exceeding SCG
Semivolatile Organic Compounds (SVOCs)	Benzo(a)anthracene	ND-2.7	0.224	4 of 47
	Benzo(a)pyrene	ND-2.4	0.061	6 of 47
	Benzo(b)fluoranthene	ND-2.0	1.1	2 of 47
	Benzo(k)fluoranthene	ND-2.0	1.1	1 of 47
	Di-n-butyl pthalate	ND-10	8.1	1 of 47
	Dibenzo(a,h)anthracene	ND-0.21	0.014	1 of 47
	Chrysene	ND-2.6	0.4	3 of 47
	2-Methylnapthalene	ND-53.0	36.4	1 of 47
	Napthalene	ND-33.0	13	1 of 47
	Arsenic	ND-12	7.5 or SB	4 of 47
Inorganics	Lead	89-1,320	200-500	2 of 47
	Mercury	ND-0.864	0.1 or SB	10 of 47
	Silver	ND-45	SB	1 of 47
TCLP	Arsenic	<0.100	5.0	NA
	Barium	2.08-2.69	100.0	NA
	Cadmium	<0.025	1.0	NA
	Chromium	<0.050	5.0	NA
	Lead	0.171	5.0	NA
	Mercury	<0.0020	0.2	NA
	Selenium	<0.100	1.0	NA
	Silver	<0.50	5.0	NA
	Benzene	ND-0.073	0.5	NA

Table 1
Nature and Extent of Contamination
Site Number B-00129-8
1200 East Main Street
Rochester, New York

GROUNDWATER	Contaminants of Concern	Concentration Range Detected (ppm) ^a	SCG ^b (ppm) ^a	Frequency of Exceeding SCG
Volatile Organic Compounds (VOCs)	Benzene	ND-2,400	0.7	26 of 37
	Ethylbenzene	ND-3,300	5	27 of 27
	Toluene	ND-8,600	5	27 of 27
	m,p-Xylene	ND-14,000	5	23 of 32
	o-Xylene	ND-3,200	5	23 of 32
	Total Xylenes	ND-17,200	5	28 of 37
	Isopropylbenzene	ND-96	5	12 of 37
	n-Propylbenzene	ND-2,800	5	12 of 23
	Napthalene	ND-6,000	10	16 of 23
	1,2,4-Trimethylbenzene	ND-7,300	5	18 of 23
	1,2,5-Trimethylbenzene	ND-25,000	5	18 of 23
	sec-Butylbenzene	ND-12	5	3 of 23
	p-Isopropyltoluene	ND-25,000	5	3 of 23
	N-Butylbenzene	ND-19	5	3 of 23
	tert-Butylbenzene	ND-270	5	3 of 23
	MTBE	ND-990	10	5 of 37
	Cylcohexane	ND-300	NA	NA
Methylcyclohexane	ND-160	NA	NA	

Table 1
Nature and Extent of Contamination
Site Number B-00129-8
1200 East Main Street
Rochester, New York

GROUNDWATER	Contaminants of Concern	Concentration Range Detected (ppm) ^a	SCG ^b (ppm) ^a	Frequency of Exceeding SCG
Semivolatile Organic Compounds (SVOCs)	2-Methylnapthalene	ND-5,200	NA	NA
	Napthalene	ND-2,700	10	27 of 37
	Phenanthrene	ND-12	50	1 of 37
	Acetophenone	ND-110	NA	NA
	Chrysene	ND-83.0	0.002	1 of 37
	Fluoranthene	ND-180.0	50	1 of 37
	Fluorene	ND-93.0	50	1 of 37
	Bis(2-ethylhexyl)phthalate	ND-140	5	9 of 25
	2-Methylphenol	ND-3.0	1	4 of 25
	4-Methylphenol	ND-2.0	1	5 of 25
	2,4-Deimethylphenol	ND-49.0	1	5 of 25
	Phenol	ND-10.0	1	4 of 25
	Isophorone	ND-130	50	1 of 25
Inorganics	Lead	ND-120	25	1 of 22

Table 1
 Nature and Extent of Contamination
 Site Number B-00129-8
 1200 East Main Street
 Rochester, New York

SUB-SLAB SOIL GAS/VENTILATION SYSTEM EXHAUST	Contaminants of Concern	Concentration Range Detected (ppm) ^a	SCG ^b (ppm) ^a	Frequency of Exceeding SCG
Volatile Organic Compounds (VOCs)	Acetone	18-1,600	NA	NA
	2-Butanone (MEK)	ND-41.0	NA	NA
	Chloroform	ND-26	NA	NA
	Choroethane	ND-3.6	NA	NA
	1,4-Dichlorobenzene	ND-11	NA	NA
	Freon 12	ND-7.7	NA	NA
	Freon 113	ND-8.6	NA	NA
	Cis-1,2-Dichloroethene	ND-5.2	NA	NA
	Ethylbenzene	ND-8.78	NA	NA
	Heptane	ND-110	NA	NA
	Hexane	ND-51	NA	NA
	Methylene Chloride	ND-6.3	NA	NA
	Methyl Isobutyl Ketone	ND-7.9	NA	NA
	Tetrachloroethene	ND-38.5	NA	NA
	Toluene	6.8-46	NA	NA
	Trichloroethene	ND-12	NA	NA
	1,1,1-Trichloroethane	ND-4.3	NA	NA
	1,2,4-Trimethylbenzene	ND-12.4	NA	NA
	1,2,5-Trimethylbenzene	ND-5.6	NA	NA
	Styrene	ND-5.11	NA	NA
m,p-Xylene	5.9-30.48	NA	NA	
o-Xylene	ND-8.34	NA	NA	

Table 1
Nature and Extent of Contamination
Site Number B-00129-8
1200 East Main Street
Rochester, New York

INDOOR AIR	Contaminants of Concern	Concentration Range Detected (ppm) ^a	SCG ^b (ppm) ^a	Frequency of Exceeding SCG
Volatile Organic Compounds (VOCs)	Acetone	16-52	NA	NA
	Benzene	2.0-7.4	NA	NA
	Cyclohexane	ND-5.5	NA	NA
	1,4-Dichlorobenzene	ND-25	NA	NA
	Freon 12	ND-8.2	NA	NA
	Ethylbenzene	1.6-3.2	NA	NA
	Heptane	1.1-3.5	NA	NA
	Hexane	2.9-20	NA	NA
	Isopropyl Alcohol	ND-36	NA	NA
	Methylene Chloride	16-23	NA	NA
	Methyl Isobutyl Ketone	ND-1.2	NA	NA
	Tetrachloroethene	1.1-1.9	NA	NA
	Toluene	8.3-42	NA	NA
	1,2,4-Trimethylbenzene	ND-7.2	NA	NA
	1,3,5-Trimethylbenzene	ND-7.7	NA	NA
	2,2,4-Trimethylpentane	0.81-6.1	NA	NA
	Styrene	ND-5.4	NA	NA
	m,p-Xylene	1.7-7.6	NA	NA
o-Xylene	5.2-10.8	NA	NA	

Table 1
Nature and Extent of Contamination
Site Number B-00129-8
1200 East Main Street
Rochester, New York

AMBIENT OUTDOOR AIR	Contaminants of Concern	Concentration Range Detected (ppm) ^a	SCG ^b (ppm) ^a	Frequency of Exceeding SCG
Volatile Organic Compounds (VOCs)	Acetone	26.3-28	NA	NA
	Benzene	ND-3.5	NA	NA
	Cyclohexane	ND-1.2	NA	NA
	Ethylbenzene	ND-3.3	NA	NA
	Heptane	ND-2.0	NA	NA
	Hexane	ND-9.7	NA	NA
	Methylene Chloride	ND-17	NA	NA
	Toluene	13.6-22	NA	NA
	1,2,4-Trimethylbenzene	5.7-6.9	NA	NA
	1,3,5-Trimethylbenzene	ND-1.5	NA	NA
	2,2,4-Trimethylpentane	ND-1.3	NA	NA
	m,p-Xylene	ND-4.1	NA	NA
	o-Xylene	7.64-11.1	NA	NA

a) ppb = parts per billion, which is equivalent to micrograms per liter, ug/L, in water;
 ppm = parts per million, which is equivalent to milligrams per kilogram, mg/kg, in soil;
 ug/m3 = micrograms per cubic meter.

b) SCG = standards, criteria, and guidance values;

SCGs for surface soil and subsurface soil samples are from TAGM 4046, January 24, 1994 or 1995 "proposed" version;
 SCGs for groundwater samples are from NYSDEC TOGS 1.1.1. Class GA Standards or Guidance Values;
 There are no current cleanup SCGs applicable to petroleum-related compounds in sub-slab soil gas, the ventilation system exhaust, indoor air, or ambient outdoor air.

ND - Not detected above reported analytical laboratory detection limit.

NA - Not applicable.

Table 2
 Restricted Use Soil Cleanup Objectives
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

Contaminant	CAS Number	Commercial	Industrial	Protection of Groundwater
Arsenic	7440-38-2	16f	16f	16f
Barium	7440-39-3	400	10,000 d	820
Beryllium	7440-41-7	590	2,700	47
Cadmium	7440-43-9	9.3	60	7.5
Chromium, hexavalent h	18540-29-9	400	800	19
Chromium, trivalent h	16065-83-1	1,500	6,800	NS
Copper	7440-50-8	270	10,000 d	1,720
Total Cyanide h		27	10,000 d	40
Lead	7439-92-1	1,000	3,900	450
Manganese	7439-96-5	10,000 d	10,000 d	2,000f
Total Mercury		2.8j	5.7j	0.73
Nickel	7440-02-0	310	10,000 d	130
Selenium	7782-49-2	1,500	6,800	4f
Silver	7440-22-4	1,500	6,800	8.3
Zinc	7440-66-6	10,000 d	10,000 d	2,480
2,4,5-TP Acid (Silvex)	93-72-1	500b	1,000c	3.8
4,4'-DDE	72-55-9	62	120	17
4,4'-DDT	50-29-3	47	94	136

Table 2
 Restricted Use Soil Cleanup Objectives
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

Contaminant	CAS Number	Commercial	Industrial	Protection of Groundwater
4,4'-DDD	72-54-8	92	180	14
Aldrin	309-00-2	0.68	1.4	0.19
alpha-BHC	319-84-6	3.4	6.8	0.02
beta-BHC	319-85-7	3	14	0.09
Chlordane (alpha)	5103-71-9	24	47	2.9
delta-BHC	319-86-8	500b	1,000c	0.25
Dibenzofuran	132-64-9	350	1,000c	210
Dieldrin	60-57-1	1.4	2.8	0.1
Endosulfan I	959-98-8	200i	920i	102
Endosulfan II	33213-65-9	200i	920i	102
Endosulfan sulfate	1031-07-8	200i	920i	1,000c
Endrin	72-20-8	89	410	0.06
Heptachlor	76-44-8	15	29	0.38
Lindane	58-89-9	9.2	23	0.1
Polychlorinated biphenyls	1336-36-3	1	25	3.2
Acenaphthene	83-32-9	500b	1,000c	98
Acenaphthylene	208-96-8	500b	1,000c	107
Anthracene	120-12-7	500b	1,000c	1,000c

Table 2
 Restricted Use Soil Cleanup Objectives
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

Contaminant	CAS Number	Commercial	Industrial	Protection of Groundwater
Benz(a)anthracene	56-55-3	5.6	11	1f
Benzo(a)pyrene	50-32-8	1f	1.1	22
Benzo(b)fluoranthene	205-99-2	5.6	11	1.7
Benzo(g,h,i)perylene	191-24-2	500b	1,000c	1,000c
Benzo(k)fluoranthene	207-08-9	56	110	1.7
Chrysene	218-01-9	56	110	1f
Dibenz(a,h)anthracene	53-70-3	0.56	1.1	1,000c
Fluoranthene	206-44-0	500b	1,000c	1,000c
Fluorene	86-73-7	500b	1,000c	386
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	11	8.2
m-Cresol	108-39-4	500b	1,000c	0.33e
Naphthalene	91-20-3	500b	1,000c	12
o-Cresol	95-48-7	500b	1,000c	0.33e
p-Cresol	106-44-5	500b	1,000c	0.33e
Pentachlorophenol	87-86-5	6.7	55	0.8e
Phenanthrene	85-01-8	500b	1,000c	1,000c
Phenol	108-95-2	500b	1,000c	0.33e
Pyrene	129-00-0	500b	1,000c	1,000c

Table 2
 Restricted Use Soil Cleanup Objectives
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

Contaminant	CAS Number	Commercial	Industrial	Protection of Groundwater
1,1,1-Trichloroethane	71-55-6	500b	1,000c	0.68
1,1-Dichloroethane	75-34-3	240	480	0.27
1,1-Dichloroethene	75-35-4	500b	1,000c	0.33
1,2-Dichlorobenzene	95-50-1	500b	1,000c	1.1
1,2-Dichloroethane	107-06-2	30	60	0.02f
cis-1,2-Dichloroethene	156-59-2	500b	1,000c	0.25
trans-1,2-Dichloroethene	156-60-5	500b	1,000c	0.19
1,3-Dichlorobenzene	541-73-1	280	560	2.4
1,4-Dichlorobenzene	106-46-7	130	250	1.8
1,4-Dioxane	123-91-1	130	250	0.1e
Acetone	67-64-1	500b	1,000c	0.05
Benzene	71-43-2	44	89	0.06
Butylbenzene	104-51-8	500b	1,000c	12
Carbon tetrachloride	56-23-5	22	44	0.76
Chlorobenzene	108-90-7	500b	1,000c	1.1
Chloroform	67-66-3	350	700	0.37
Ethylbenzene	100-41-4	390	780	1
Hexachlorobenzene	118-74-1	6	12	3.2

Table 2
 Restricted Use Soil Cleanup Objectives
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

Contaminant	CAS Number	Commercial	Industrial	Protection of Groundwater
Methyl ethyl ketone	78-93-3	500b	1,000c	0.12
Methyl tert-butyl ether	1634-04-4	500b	1,000c	0.93
Methylene chloride	75-09-2	500b	1,000c	0.05
n-Propylbenzene	103-65-1	500b	1,000c	3.9
sec-Butylbenzene	135-98-8	500b	1,000c	11
tert-Butylbenzene	98-06-6	500b	1,000c	5.9
Tetrachloroethene	127-18-4	150	300	1.3
Toluene	108-88-3	500b	1,000c	0.7
Trichloroethene	79-01-6	200	400	0.47
1,2,4-Trimethylbenzene	95-63-6	190	380	3.6
1,3,5- Trimethylbenzene	108-67-8	190	380	8.4
Vinyl chloride	75-01-4	13	27	0.02
Xylene (mixed)	1330-20-7	500b	1,000c	1.6
NS = Not specified. See Technical Support Document (TSD).				

Table 2
Restricted Use Soil Cleanup Objectives
Site Number B-00129-8
1200 E. Main Street
Rochester, NY

1. The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.
2. The SCOs for commercial use were capped at a maximum value of 500 ppm.
3. The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.
4. The SCOs for metals were capped at a maximum value of 10,000 ppm.
5. For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
6. For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
7. This SCO is derived from data on mixed isomers of BHC.
8. The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
9. This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
10. This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).
11. 6 CRR-NY 375-6.8

Table 3
Soil / Waste Disposal Volumes and Facilities
Site Number B-00129-8
1200 E. Main Street
Rochester, NY

Type of material	Quantities	Remediation Phase	Disposal facility	Date of disposal
Class 2 Soil (Petroleum-Non-hazardous)	236.69 Tons	Surface soil and source area soil removal March 2010	WM Mil Seat Landfill Bergen, NY	3/9/10
Class 2 Soil (Petroleum-Non-hazardous)	679.31 Tons	Surface soil and source area soil removal March 2010	Mil Seat Landfill Bergen, NY	4/1/10 & 4/5/10
Class 2 Soil (Petroleum-Non-hazardous)	1,253.17 Tons	Surface soil and source area soil removal March 2010	Mil Seat Landfill Bergen, NY	3/17,18,22&23/10
Gasoline water mixture	483 gallons	February 2010 free product removal from monitoring wells	Industrial Oil and Tank Oriskany, NY	February 13, 2010
Gasoline water mixture	841 gallons	Surface soil and source area soil removal March 2010	Industrial oil and Tank Oriskany, NY	3/18/10
Gasoline water mixture	1,000 gallons	Surface soil and source area soil removal March 2010	Industrial Oil and Tank Oriskany, NY	3/22/10
Class 3 Materials (Concrete Rubble & Pavement)	60 Tons	Surface soil and source area soil removal March 2010	City of Rochester Operation Center 945 Mt. Read Rochester, NY	7/7/10
Class 2 Soil (Petroleum-Non-hazardous)	865 Tons	Source Area Soil Removal Phase March 2016	Waste Management of New York High Acres Landfill Fairport, NY	3/29/16 to 3/30/16
Class 2 Soil (Petroleum-Non-hazardous)	27 Drums	Free Product Recovery and Groundwater Remediation Phase	CWM Chemical Model City, NY	4/20/16
Class 3 Materials (Concrete Rubble & Pavement)	18 Tons	Source Area Soil Removal Phase March 2016	The Dolomite Group Gates Plant	3/15/16

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 1A						
					S-1 West Wall	S-2 South Wall	S-3 North Center	S-4 West Bottom	S-5 Northeast Wall	S-6 EastWall	S-7 Northeast Bottom
Semivolatiles					8270 STARS (ppm)						
Acenaphthene	83-32-9	500 ^b	98	20	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Acenaphthylene	208-96-8	500 ^b	107	100 ^a	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Anthracene	120-12-7	500 ^b	1,000 ^c	100 ^a	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Benz(a)anthracene	56-55-3	5.6	1 ^f	1 ^c	0.188	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Benzo(a)pyrene	50-32-8	1	22	1 ^c	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Benzo(b)fluoranthene	205-99-2	5.6	1,7	1 ^c	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Benzo(g,h,i)perylene	191-24-2	500 ^b	1,000 ^c	100	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Benzo(k)fluoranthene	207-08-9	56	1.7	0.8 ^c	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Chrysene	218-01-9	56	1 ^f	1 ^c	0.195	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Dibenz(a,h)anthracene	53-70-3	0.56	1,000 ^c	0.33 ^b	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Fluoranthene	206-44-0	500 ^b	1,000 ^c	100 ^a	0.464	0.302	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Fluorene	86-73-7	500 ^b	386	30	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Indeno(1,2,3-cd)pyrene	193-39-5	1	8.2	0.5 ^c	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Naphthalene	91-20-3	500 ^b	12	12	ND (.349)	ND (.333)	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Phenanthrene	85-01-8	500 ^b	1,000 ^c	100	0.256	0.172	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
Pyrene	129-00-0	500 ^b	1,000 ^c	100	0.377	0.256	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)
<i>Total SVOCs</i>					1.48	0.73	ND (.330)	ND (.334)	ND (.322)	ND (.320)	ND (.326)

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 1B								
					S-8 East Wall	S-9 Northeast Wall	S-10 East Bottom	S-11 North Center	S-12 West Wall	S-13 Southwest Wall	S-14 Southeast Wall	S-15 West Bottom	S-16 South SE Wall
Semivolatiles					8270 STARS (ppm)								
Acenaphthene	83-32-9	500 ^b	89	20	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Acenaphthylene	208-96-8	500 ^b	107	100 ^a	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Anthracene	120-12-7	500 ^b	1,000 ^c	100 ^a	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Benz(a)anthracene	56-55-3	5.6	1 ^f	1 ^c	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	0.166	ND (.335)
Benzo(a)pyrene	50-32-8	1 ^f	22	1 ^c	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Benzo(b)fluoranthene	205-99-2	5.6	1.7	1 ^c	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	0.184	ND (.335)
Benzo(g,h,i)perylene	191-24-2	500 ^b	1,000 ^c	100	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Benzo(k)fluoranthene	207-08-9	56	1.7	0.8 ^c	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Chrysene	218-01-9	56	1 ^f	1 ^c	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	0.184	ND (.335)
Dibenz(a,h)anthracene	53-70-3	5.6	1,000 ^c	0.33 ^b	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Fluoranthene	206-44-0	500 ^b	1,000 ^c	100 ^a	ND (.329)	0.163	ND (.327)	0.221	0.261	ND (.322)	0.180	0.358	ND (.335)
Fluorene	86-73-7	500 ^b	386	30	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	0.5 ^c	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Naphthalene	91-20-3	500 ^b	12	12	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Phenanthrene	85-01-8	500 ^b	1,000 ^c	100	ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	ND (.333)	ND (.328)	ND (.335)
Pyrene	129-00-0	500 ^b	1,000 ^c	100	ND (.329)	ND (.322)	ND (.327)	0.201	0.213	ND (.322)	ND (.333)	0.303	ND (.335)
	<i>Total SVOCs</i>				ND (.329)	ND (.322)	ND (.327)	ND (.314)	ND (.327)	ND (.322)	0.180	1.195	ND (.335)

All soil cleanup objectives (SCOs) are in parts per million (ppm), NS=Not specified. See Technical Support Document (TSD).

Values in **Bold** indicate contaminant concentrations above Unrestricted SCOs.

Shaded values indicate contaminant concentrations above Protection of Groundwater SCOs.

Footnotes

^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.

^b The SCOs for commercial use were capped at a maximum value of 500 ppm.

^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.

^d The SCOs for metals were capped at a maximum value of 10,000 ppm.

^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.

^g This SCO is derived from data on mixed isomers of BHC.

^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.

^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 2						
					West Wall (9')	Bottom Floor Drain	East Wall (9')	Northwest Wall (11')	Bottom North	Northeast Wall (11')	South Wall (10')
Metals					SW846 6010 (ppm)						
Arsenic	7440-38-2	16 ^f	16 ^f	13 ^c	2.65	2.29	1.74	2.25	4.15	2.02	1.72
Barium	7440-39-3	400	820	350 ^c	22.4	26.3	37.90	20.4	29.6	17.6	23.50
Beryllium	7440-43-9	590	47	7.2	< 0.441	< 0.382	< 0.503	< 0.387	< 0.564	< 0.387	< 0.408
Cadmium	7440-43-9	9.3	7.5	2.5 ^c	< 0.411	< 0.382	< 0.503	< 0.387	< 0.564	< 0.387	< 0.409
Chromium		400	19	1 ^b	5.78	4.09	6.67	5.17	8.5	5.11	5.14
Copper	7440-50-8	270	1,720	50	11.2	10	9.61	7.91	15.9	8.53	7.67
Lead	7439-92-1	1,000	450	63 ^c	4.58	15.4	2.95	2.02	12.9	2.28	1.99
Manganese	7439-96-5	10,000 ^d	2,000 ^f	1600 ^c	346	693	390	356	472	306	337
Total Mercury		2.8 ^j	0.73	0.18 ^c	< 0.0053	0.0263	< 0.0076	< 0.0055	0.0083	< 0.0066	< 0.0073
Nickel	7440-02-0	310	130	30	7.35	5.62	6.88	6.03	8.67	5.13	5.29
Selenium	7782-49-2	1,500	4 ⁱ	3.9 ^c	0.891	< 0.382	< 0.503	< 0.387	1.23	< 0.387	< 0.408
Silver	7440-22-4	1,500	8.3	2	< 0.881	< 0.762	< 1.00	< 0.775	< 1.13	< 0.774	< 0.817
Zinc	7440-66-6	10,000 ^d	2,480	109 ^c	16.8	39.3	23.8	16.8	42.3	15.2	20.40
Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	Excavation Area 2						
					West Wall (9')	Bottom Floor Drain	East Wall (9')	Northwest Wall (11')	Bottom North	Northeast Wall (11')	South Wall (10')
PCBs					EPA 8082 (ppm)						
Aroclor 1016					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Aroclor 1221					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Aroclor 1232					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Aroclor 1242					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Aroclor 1248					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Aroclor 1254					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Aroclor 1260					N/A	ND (.338)	N/A	N/A	N/A	N/A	N/A
Polychlorinated Biphenyls	1336-36-3	1	3.2		N/A	< 1.0	N/A	N/A	N/A	N/A	N/A

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 2						
					West Wall (9')	Bottom Floor Drain	East Wall (9')	Northwest Wall (11')	Bottom North	Northeast Wall (11')	South Wall (10')
					Excavation Area 2						
Semivolatiles					EPA 8270C (ppm)						
Acenaphthene	83-32-9	500 ^b	98	20	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Acenaphthylene	208-96-8	500 ^b	107	100 ^a	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Anthracene	120-12-7	500 ^b	1,000 ^c	100 ^a	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Benz(a)anthracene	56-55-3	5.6	1 ^f	1 ^c	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Benzo(a)pyrene	50-32-8	1 ^f	22	1 ^c	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Benzo(b)fluoranthene	205-99-2	5.6	1.7	1 ^c	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Benzo(g,h,i)perylene	191-24-2	500 ^b	1,000 ^c	100	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Benzo(k)fluoranthene	207-08-9	56	1.7	0.8 ^c	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Chrysene	218-01-9	56	1 ^f	1 ^c	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Dibenz(a,h)anthracene	53-70-3	560	1,000 ^c	0.33 ^b	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Fluoranthene	206-44-0	500 ^b	1,000 ^c	100 ^a	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Fluorene	86-73-7	500 ^b	386	30	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	0.5 ^c	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Naphthalene	91-20-3	500 ^b	12	12	ND (.319)	ND (.338)	1.370	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Phenanthrene	85-01-8	500 ^b	1,000 ^c	100	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Pyrene	129-00-0	500 ^b	1,000 ^c	100	ND (.319)	ND (.338)	ND (.323)	ND (.324)	ND (.333)	ND (.327)	ND (.320)
Total TICs					ND (.798)	ND (.845)	1.550	ND (.810)	ND (.832)	ND (.818)	ND (.320)

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 2						
					West Wall (9')	Bottom Floor Drain	East Wall (9')	Northwest Wall (11')	Bottom North	Northeast Wall (11')	South Wall (10')
					Excavation Area 2						
Volatiles					EPA 8260B (ppm)						
1,1,1-Trichloroethane	71-55-6	500 ^b	0.68	0.68	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,1-Dichloroethane	75-34-3	240	0.27	0.27	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,1-Dichloroethene	75-35-4	500 ^b	0.33	0.33	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,2-Dichlorobenzene	95-50-1	500 ^b	1.1	1.1	ND (.0109)	ND (.158)	ND (.939)	ND (.0102)	ND (.0104)	ND (.0112)	ND (.00990)
1,2-Dichloroethane	107-06-2	30	0.02 ^f	0.02 ^c	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
cis-1,2-Dichloroethene	156-59-2	500 ^b	25	0.25	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
trans-1,2-Dichloroethene	156-60-5	500 ^b	0.19	0.19	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,3-Dichlorobenzene	541-73-1	280	2.4	2.4	ND (.0109)	ND (.396)	ND (.939)	ND (.0102)	ND (.0104)	ND (.0112)	ND (.00990)
1,4-Dichlorobenzene	106-46-7	130	1.8	1.8	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,4-Dioxane	123-91-1	130	0.1	0.1 ^b	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	67-64-1	500 ^b	0.050	0.05	0.0224	ND (792)	ND (1.880)	.0215	.0351	.0259	.0168
Benzene	71-43-2	44	0.060	0.06	\	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Butylbenzene	104-51-8	500 ^b	12	12	ND (.0218)	ND (792)	ND (1.880)	ND (.0204)	ND (.0208)	ND (.0224)	ND (.0198)
Carbon tetrachloride	56-23-5	22	0.76	0.76	ND (.0109)	ND (.396)	ND (.939)	ND (.0102)	ND (.0104)	ND (.0112)	ND (.00990)
Chlorobenzene	108-90-7	500 ^b	1.1	1.1	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Chloroform	67-66-3	250	0.37	0.37	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Ethylbenzene	100-41-4	390	1	1	ND (.00436)	0.725	0.322	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Hexachlorobenzene	118-74-1	6	3.2	0.33 ^b	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MEK (2-Butanone)	78-93-3	500 ^b	0.12		ND (.0218)	ND (792)	ND (1.880)	ND (.0204)	ND (.0208)	ND (.0224)	ND (.0198)
Methyl tert-butyl ether	1634-04-4	500 ^b	0.930	0.93	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Methylene chloride	75-09-2	500 ^b	0.050	0.05	ND (.0109)	ND (.396)	ND (.939)	ND (.0102)	ND (.0104)	ND (.0112)	ND (.00990)
n-Propylbenzene	103-65-1	500 ^b	3.9	3.9	ND (.00436)	0.753	0.426	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
sec-Butylbenzene	135-98-8	500 ^b	11	11	ND (.00436)	0.306	0.264	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
tert-Butylbenzene	98-06-6	500 ^b	5.9	5.9	ND (.0109)	ND (.396)	ND (.939)	ND (.0102)	ND (.0104)	ND (.0112)	ND (.00990)
Tetrachloroethene	127-18-4	150	1.3	1.3	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 2						
					West Wall (9')	Bottom Floor Drain	East Wall (9')	Northwest Wall (11')	Bottom North	Northeast Wall (11')	South Wall (10')
					Excavation Area 2						
Volatiles (continued)					EPA 8260B (ppm)						
Toluene	108-88-3	500 ^b	0.7	0.7	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Trichloroethene	79-01-6	200	0.47	0.47	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,2,4-Trimethylbenzene	95-63-6	190	3.6	3.6	ND (.00436)	4.2	2.77	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
1,3,5- Trimethylbenzene	108-67-8	190	8.4	8.4	ND (.00436)	0.838	0.582	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Vinyl chloride	75-01-4	13	0.20	0.02	ND (.00436)	ND (.158)	ND (.375)	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Xylene (mixed)	1330-20-7	500 ^b	1.6	0.26	ND (.00436)	1.832	0.918	ND (.00408)	ND (.00416)	ND (.00448)	ND (.00396)
Total TICs					ND (.0218)	14.703	4.322	ND (.0204)	ND (.0208)	ND (.0224)	ND (.00396)

All soil cleanup objectives (SCOs) are in parts per million (ppm), NS=Not specified.

Values in **Bold** indicate contaminant concentrations above Unrestricted SCOs.
 Shaded values indicate contaminant concentrations above Protection of Groundwater SCOs.

Footnotes

- ^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.
- ^b The SCOs for commercial use were capped at a maximum value of 500 ppm.
- ^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.
- ^d The SCOs for metals were capped at a maximum value of 10,000 ppm.
- ^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.
- ^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
- ^g This SCO is derived from data on mixed isomers of BHC.
- ^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
- ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
- ^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 3					
					East Wall (12')	Southeast Wall (12')	Northeast Wall (12')	Southwest Wall (11')	Northwest Wall (11')	West Wall (11')
Volatiles					EPA 8260B (ppm)					
1,1,1-Trichloroethane	71-55-6	500 ^b	0.68	0.68	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
1,1-Dichloroethane	75-34-3	240	0.27	0.27	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
1,1-Dichloroethene	75-35-4	500 ^b	0.33	0.33	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
1,2-Dichlorobenzene	95-50-1	500 ^b	1.1	1.1	ND (.0106)	ND (.0104)	ND (.0105)	ND (.0104)	ND (4.530)	ND (.0103)
1,2-Dichloroethane	107-06-2	30	0.02 f	0.02 ^c	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
cis-1,2-Dichloroethene	156-59-2	500 ^b	0.25	0.25	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
trans-1,2-Dichloroethene	156-60-5	500 ^b	0.19	0.19	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
1,3-Dichlorobenzene	541-73-1	280	2.4	2.4	ND (.0106)	ND (.0104)	ND (.0105)	ND (.0104)	ND (4.530)	ND (.0103)
1,4-Dichlorobenzene	106-46-7	130	1.8	1.8	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
1,4-Dioxane	123-91-1	130	0.1 ^c	0.1 ^b	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	67-64-1	500 ^b	0.05	0.05	.0655	ND (.0208)	0.0338	0.103	ND (9.060)	0.118
Benzene	71-43-2	44	0.06	0.06	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
Butylbenzene	104-51-8	500 ^b	12	12	ND (.0213)	ND (.0208)	ND (.0211)	ND (.0208)	ND (9.060)	ND (.0206)
Carbon tetrachloride	56-23-5	22	0.76	0.76	ND (.0106)	ND (.0104)	ND (.0105)	ND (.0104)	ND (4.530)	ND (.0103)
Chlorobenzene	108-90-7	500 ^b	1.1	1.1	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
Chloroform	67-66-3	250	0.37	0.37	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
Ethylbenzene	100-41-4	390	1	1	ND (.00426)	0.725	ND (.00421)	ND (.00415)	19.9	0.00363
Hexachlorobenzene	118-74-1	6	3.2	0.33 ^b	N/A	N/A	N/A	N/A	N/A	N/A
MEK (2-Butanone)	78-93-3	500 ^b	0.12	0.12	ND (.0213)	ND (.0208)	ND (.0211)	ND (.0208)	ND (9.060)	ND (.0206)
Methyl tert-butyl ether	1634-04-4	500 ^b	0.93	0.93	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
Methylene chloride	75-09-2	500 ^b	0.05	0.05	ND (.0106)	ND (.0104)	ND (.0105)	ND (.0104)	ND (4.530)	ND (.0103)
n-Propylbenzene	103-65-1	500 ^b	3.9	3.9	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	17.1	ND (.00412)
sec-Butylbenzene	135-98-8	500 ^b	11	11	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	2.17	ND (.00412)
tert-Butylbenzene	98-06-6	500 ^b	5.9	5.9	ND (.0106)	ND (.0104)	ND (.0105)	ND (.0104)	ND (4.530)	ND (.0103)
Tetrachloroethene	127-18-4	150	1.3	1.3	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 3					
					East Wall (12')	Southeast Wall (12')	Northeast Wall (12')	Southwest Wall (11')	Northwest Wall (11')	West Wall (11')

Volatiles (continued)					Excavation Area 3					
					EPA 8260B (ppm)					
Toluene	108-88-3	500 ^b	0.7	0.7	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	9.58	0.00385
Trichloroethene	79-01-6	200	0.47	0.47	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
1,2,4-Trimethylbenzene	95-63-6	190	3.6	3.6	0.00262	ND (.00417)	ND (.00421)	0.00236	81.8	0.0541
1,3,5- Trimethylbenzene	108-67-8	190	8.4	8.4	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	30.6	0.0213
Vinyl chloride	75-01-4	13	0.02	0.02	ND (.00426)	ND (.00417)	ND (.00421)	ND (.00415)	ND (1.810)	ND (.00412)
Xylene (mixed)	1330-20-7	500 ^b	1.6	0	0.00325	ND (.00417)	ND (.00421)	0.00275	108.3	ND (0.00)
Total TICs			NA		0.02346	0.02137	0.02349	ND (.00415)	21.3	0.02713

All soil cleanup objectives (SCOs) are in parts per million (ppm), NS=Not specified.

Values in **Bold** indicate contaminant concentrations above Unrestricted SCOs.

Shaded values indicate contaminant concentrations above Protection of Groundwater SCOs.

Footnotes

^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.

^b The SCOs for commercial use were capped at a maximum value of 500 ppm.

^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.

^d The SCOs for metals were capped at a maximum value of 10,000 ppm.

^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.

^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site

^g This SCO is derived from data on mixed isomers of BHC.

^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.

^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 4					
					Southeast Wall (11')	Northeast Corner Wall (11')	North Wall (11')	Northwest Wall (11')	Southwest Wall (11')	South Wall (10')
Metals					SW846 6010 (ppm)					
Arsenic		16 ^f	16 ^f	13 ^c	2.93	N/A	N/A	3.03	1.06	5.8
Barium		400	820	350 ^c	22.9	N/A	N/A	30.1	21.4	66.1
Beryllium		590	47	7.2	< 0.310	N/A	N/A	ND	ND	0.259
Cadmium		9.3	7.5	2.5 ^c	< 0.310	N/A	N/A	ND	ND	< 0.479
Chromium		400	19	1 ^b	5.28	N/A	N/A	6.25	5.5	9.02
Copper		270	1,720	50	10.2	N/A	N/A	9.42	14.1	19.40
Lead		1,000	450	63 ^c	2.85	N/A	N/A	6.55	1.94	83.2
Manganese		10,000 ^d	2,000 ^f	1600 ^c	447	N/A	N/A	306	233	331
Total Mercury		2.8 ^j	0.73	0.18 ^c	ND	N/A	N/A	ND	ND	0.0955
Nickel		310	130	30	7.31	N/A	N/A	7.09	5.54	9.15
Selenium		1,500	4 ^f	3.9 ^c	ND	N/A	N/A	ND	ND	0.971
Silver		1,500	8.3	2	ND	N/A	N/A	ND	ND	ND
Zinc		10,000 ^d	2,480	109 ^c	24.7	N/A	N/A	27.0	16.1	107.0

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 4					
					Southeast Wall (11')	Northeast Corner Wall (11')	North Wall (11')	Northwest Wall (11')	Southwest Wall (11')	South Wall (10')
Semivolatiles					EPA 8270C (ppm)					
Acenaphthene	83-32-9	500	98	20	ND	ND	ND	ND	ND	ND
Acenaphthylene	208-96-8	500	107	100 ^a	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	500	1000	100 ^a	ND	ND	ND	ND	ND	ND
<i>Benzo(a)anthracene</i>	56-55-3	5.6	1	1 ^c	ND	ND	ND	ND	ND	ND
<i>Benzo(a)pyrene</i>	50-32-8	1	22	1 ^c	ND	ND	ND	ND	ND	ND
<i>Benzo(b)fluoranthene</i>	205-99-2	5.6	1.7	1 ^c	ND	ND	ND	ND	ND	0.175
<i>Benzo(g,h,i)perylene</i>	191-24-2	500	1000	100	ND	ND	ND	ND	ND	ND
<i>Benzo(k)fluoranthene</i>	207-08-9	56	1.7	0.8 ^c	ND	ND	ND	ND	ND	ND
Chrysene	218-01-9	1	1	1 ^c	ND	ND	ND	ND	ND	ND
<i>Dibenz(a,h)anthracene</i>	53-70-3	0.56	1000	0.33 ^b	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	500	1000	100 ^a	ND	ND	ND	ND	ND	0.256
Fluorene	86-73-7	500	386	30	ND	ND	ND	ND	ND	ND
<i>Indeno(1,2,3-cd)pyrene</i>	193-39-5	5.6	8.2	0.5 ^c	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	500	12	12	ND	ND	ND	ND	ND	2.0
Phenanthrene	85-01-8	500	1000	100	ND	ND	ND	ND	ND	0.207
Pyrene	129-00-0	500	1000	100	ND	ND	ND	ND	ND	0.211
Total TICs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 4					
					Southeast Wall (11')	Northeast Corner Wall (11')	North Wall (11')	Northwest Wall (11')	Southwest Wall (11')	South Wall (10')
Volatiles					EPA 8260B (ppm)					
1,1,1-Trichloroethane	71-55-6	500	0.68	0.68	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	240	0.27	0.27	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	500	0.33	0.33	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	500	1.1	1.1	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	30	0.02 ^c	0.02 ^c	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	500	0.25	0.25	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	500	0.19	0.19	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	280	2.4	2.4	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	130	1.8	1.8	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	130	0.1 ^b	0.1 ^b	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	67-64-1	500	0.05	0.05	0.0224	0.030	0.0157	ND (22.1)	0.021	ND
Benzene	71-43-2	44	0.06	0.06	ND	ND	ND	ND	ND	ND
Butylbenzene	104-51-8	500	12	12	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	22	0.76	0.76	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	500	1.1	1.1	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	250	0.37	0.37	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	390	1	1	0.0623	ND	ND	ND	ND	7.94
Hexachlorobenzene	118-74-1	6	0.33 ^b	0.33 ^b	N/A	N/A	N/A	N/A	N/A	N/A
Methyl ethyl ketone (2-Butanone)	78-93-3	500	0.12	0.12	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	1634-04-4	500	0.93	0.93	ND	ND	ND	ND	ND	ND
Methylene chloride	75-09-2	500	0.05	0.05	ND	ND	ND	ND	ND	ND

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted Use	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY Excavation Area 4						
					Southeast Wall (11')	Northeast Corner Wall (11')	North Wall (11')	Northwest Wall (11')	Southwest Wall (11')	South Wall (10')	
n-Propylbenzene	103-65-1	500	3.9	3.9	0.0954	ND	ND	ND	ND	6.33	
sec-Butylbenzene	135-98-8	500	11	11	ND	ND	ND	ND	ND	0.786	
tert-Butylbenzene	98-06-6	500	5.9	5.9	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	127-18-4	150	1.3	1.3	ND	ND	ND	ND	ND	ND	
Volatiles (continued)					EPA 8260B (ppm)						
Toluene	108-88-3	500	0.7	0.7	ND	ND	ND	ND	ND	6.75	
Trichloroethene	79-01-6	200	0.47	0.47	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	95-63-6	190	3.6	3.6	0.795	ND	ND	ND	ND	46.3	
1,3,5- Trimethylbenzene	108-67-8	190	8.4	8.4	0.243	0.00235	ND	ND	ND	16.5	
Vinyl chloride	75-01-4	13	0.02	0.02	ND	ND	ND	ND	ND	ND	
Xylene (mixed)	1330-20-7	500	1.6	0.26	0.179	ND	ND	ND	ND	69.9	
Total TICs			N/A		0.0995	ND	ND	ND	ND	10.18	
All soil cleanup objectives (SCOs) are in parts per million (ppm), NS=Not specified.											
Values in Bold indicate contaminant concentrations above Unrestricted SCOs.											
Shaded values indicate contaminant concentrations above Protection of Groundwater SCOs.											
Footnotes											
^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.											
^b The SCOs for commercial use were capped at a maximum value of 500 ppm.											
^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.											
^d The SCOs for metals were capped at a maximum value of 10,000 ppm.											
^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.											
^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site											
^g This SCO is derived from data on mixed isomers of BHC.											
^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.											
ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.											
^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).											

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY March 2016 Source Removal Excavation Area									
					NE-SW-1 (8')	E-SW-2 (8')	SE-SW-3 (8')	S-SW-5 (8')	SW-SW-6 (8')	SW-SW-7 (8')	NW-SW-8 (8')	N-SW-9 (8')	BOT-1 (16')	BOT-2 (8')
Metals					SW846 6010 (ppm)									
Arsenic		16 ^f	16 ^f	13 ^c	< 3.24	2.02	3.04	2.43	2.13	2.57	4.92	2.85	2.29	2.71
Barium		400	820	350 ^c	33.2	20.7	28.40	33.6	28.1	30.3	52.8	24.7	31.8	35.0
Beryllium		590	47	7.2	0.21	0.16	0.234	0.194	0.162	0.323	0.410	0.25	0.201	0.244
Cadmium		9.3	7.5	2.5 ^c	< 0.270	< 0.261	< 0.278	< 0.256	< 0.268	< 0.266	0.198	< 0.280	0.148	< 0.274
Chromium		400	19	1 ^b	6.01	5.79	8.78	5.6	5.77	9.97	10.7	8.24	7.68	7.85
Copper		270	1,720	50	10.2	9.03	16.60	13.40	8.8	8.0	15.5	11.8	12.4	16.40
Lead		1,000	450	63 ^c	5.13	3.40	12.00	4.93	4.92	10.9	20	7.28	29.3	29.0
Manganese		10,000 ^d	2,000 ^f	1600 ^c	342	376	275	322	273	350	1180	700	364	260
Total Mercury		2.8 ^j	0.73	0.18 ^c	< 0.0053	0.0187	0.0258	0.00631	0.00745	0.047	0.0609	0.0188	0.0117	0.108
Nickel		310	130	30	6.97	6.06	10.30	7.47	6.19	9.68	9.74	8.88	8.44	7.56
Selenium		1,500	4 ^f	3.9 ^c	0.416	0.366	< 0.556	0.256	0.558	< 0.533	< 0.554	< 0.561	0.91	< 0.548
Silver		1,500	8.3	2	< 0.541	< 0.522	< 0.556	< 0.512	< 0.537	< 0.533	< 0.554	< 0.561	< 0.538	< 0.548
Zinc		10,000 ^d	2,480	109 ^c	38.2	33.9	55.8	30.1	23.7	32.4	54.0	29.5	36.9	55.40
Semivolatiles					EPA 8270C (ppm)									
Acenaphthene	83-32-9	500 ^b	98	20	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
Acenaphthylene	208-96-8	500 ^b	107	100 ^a	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
Anthracene	120-12-7	500 ^b	1000	100 ^a	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
<i>Benzo(a)anthracene</i>	56-55-3	5.6	1	1 ^c	N/A	N/A	N/A	N/A	N/A	N/A	0.232	N/A	N/A	N/A
<i>Benzo(a)pyrene</i>	50-32-8	1	22	1 ^c	N/A	N/A	N/A	N/A	N/A	N/A	0.209	N/A	N/A	N/A
<i>Benzo(b)fluoranthene</i>	205-99-2	5.6	1.7	1 ^c	N/A	N/A	N/A	N/A	N/A	N/A	0.223	N/A	N/A	N/A
Benzo(g,h,i)perylene	191-24-2	500 ^b	1,000 ^c	100	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
<i>Benzo(k)fluoranthene</i>	207-08-9	56	1.7	0.8 ^c	N/A	N/A	N/A	N/A	N/A	N/A	0.179	N/A	N/A	N/A
Chrysene	218-01-9	56	1	1 ^c	N/A	N/A	N/A	N/A	N/A	N/A	0.224	N/A	N/A	N/A
<i>Dibenz(a,h)anthracene</i>	53-70-3	5.6	1,000 ^c	0.33 ^b	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
Fluoranthene	206-44-0	500 ^b	1,000 ^c	100 ^a	N/A	N/A	N/A	N/A	N/A	N/A	0.484	N/A	N/A	N/A
Fluorene	86-73-7	500 ^b	386	30	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
<i>Indeno(1,2,3-cd)pyrene</i>	193-39-5	5.6	8.2	0.5 ^c	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
Naphthalene	91-20-3	500 ^b	12	12	N/A	N/A	N/A	N/A	N/A	N/A	ND	N/A	N/A	N/A
Phenanthrene	85-01-8	500 ^b	1,000 ^c	100	N/A	N/A	N/A	N/A	N/A	N/A	0.295	N/A	N/A	N/A
Pyrene	129-00-0	500 ^b	1,000 ^c	100	N/A	N/A	N/A	N/A	N/A	N/A	0.378	N/A	N/A	N/A

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY March 2016 Source Removal Excavation Area									
					NE-SW-1 (8')	E-SW-2 (8')	SE-SW-3 (8')	S-SW-5 (8')	SW-SW-6 (8')	SW-SW-7 (8')	NW-SW-8 (8')	N-SW-9 (8')	BOT-1 (16')	BOT-2 (8')
					Excavation 03/29/2016									
Volatiles					EPA 8260B (ppm)									
1,1,1-Trichloroethane	71-55-6	500 ^b	0.68	0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	240	0.27	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	500 ^b	0.33	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	500 ^b	1.1	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	30	0.020	0.02 ^c	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	500 ^b	0.25	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	500 ^b	0.19	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	280	2.4	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	130	1.8	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	130	0.10	0.1 ^b	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	500 ^b	0.05	0.05	0.0122	ND	0.0365	0.0238	0.0231	0.137	ND	ND	0.0106	ND
Benzene	71-43-2	44	0.06	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene	104-51-8	500 ^b	12	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	22	0.76	0.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	500 ^b	1.1	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	250	0.37	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	390	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	6.0	3.2	0.33 ^b	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MEK (2-Butanone)	78-93-3	500 ^b	0.12	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	1634-04-4	500 ^b	0.93	0.93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	75-09-2	500 ^b	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	103-65-1	500 ^b	3.9	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	135-98-8	500 ^b	11	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	98-06-6	500 ^b	5.9	5.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Contaminant	CAS Number	Commercial	Protection of Groundwater	Unrestricted	TABLE 4 Remaining Soil Sample Exceedances Site Number B-00129-8 1200 E. Main Street Rochester, NY March 2016 Source Removal Excavation Area										
					NE-SW-1 (8')	E-SW-2 (8')	SE-SW-3 (8')	S-SW-5 (8')	SW-SW-6 (8')	SW-SW-7 (8')	NW-SW-8 (8')	N-SW-9 (8')	BOT-1 (16')	BOT-2 (8')	
Tetrachloroethene	127-18-4	150	1.3	1.3											
Toluene	108-88-3	500 ^b	0.7	0.7	ND	ND	0.00262	ND	ND	0.00672	0.0030	ND	ND	ND	ND
Trichloroethene	79-01-6	200	0.47	0.47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	95-63-6	190	3.6	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5- Trimethylbenzene	108-67-8	190	8.4	8.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0158
Vinyl chloride	75-01-4	13	0.02	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (mixed)	1330-20-7	500 ^b	1.6	0.26	ND	ND	0.00286	ND	ND	0.00574	0.00237	ND	ND	ND	ND
Notes:															
All soil cleanup objectives (SCOs) are in parts per million (ppm), NS=Not specified. See Technical Support Document (TSD).															
Footnotes															
Shaded values indicate contaminant concentrations above Protection of Groundwater SCOs.															
Values in Bold indicate contaminant concentrations above Unrestricted SCOs.															
^a The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.															
^b The SCOs for commercial use were capped at a maximum value of 500 ppm.															
^c The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm.															
^d The SCOs for metals were capped at a maximum value of 10,000 ppm.															
^e For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the SCO value.															
^f For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site															
^g This SCO is derived from data on mixed isomers of BHC.															
^h The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.															
ⁱ This SCO is for the sum of endosulfan I, endosulfan II, and endosulfan sulfate.															
^j This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts).															

Table 6
 Groundwater Quality Sample Results September 2003 through March 2012
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

Constituent	(µg/L or ppb)																T.O.G.s 1.1.1 Guidance Value(1)
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	
MTBE																	
9/2003	ND	ND	ND	ND	ND	ND	200.00	5.00	ND	ND	ND	ND	NA	NA	NA	NA	10.00
6/2004	ND	ND	ND	ND	ND	1.70	ND	ND	ND	ND	ND	ND	1.40	ND	NA	NA	10.00
5/2010	ND	ND	ND	ND	ND	ND	ND	1.98	ND	ND	ND	ND	ND	ND	NA	NA	10.00
5/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	ND	10.00
11/2011	NS	NS	NS	ND	NS	NS	ND	NS	ND	NS	NS	NS	NS	NS	ND	NS	10.00
3/2012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.00
Benzene																	
9/2003	250.00	22.00	220.00	220.00	ND	ND	1,900.00	7.00	ND	91.00	500.00	ND	NA	NA	NA	NA	1.00
6/2004	230.00	22.00	81.00	140.00	ND	ND	1,200.00	8.20	77.00	4.30	170.00	ND	ND	ND	NA	NA	1.00
5/2010	ND	3.63	14.10	50.00	ND	ND	218.00	ND	14.90	3.88	11.60	ND	ND	ND	NA	NA	1.00
5/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	149.00	3.83	1.00
11/2011	NA	NA	NA	160.00	NS	NS	1,350.00	NS	ND	NS	NS	NS	NS	NS	116.00	NS	1.00
3/2012	10.30	0.99	ND	160.00	ND	ND	1,230.00	ND	ND	ND	0.93	ND	ND	ND	4.15	3.43	1.00
Total BTEX																	
9/2003	3,370.00	1,862.00	2,290.00	5,610.00	ND	ND	23,500.00	273.00	16,400.00	9,091.00	1,320.00	ND	NA	NA	NA	NA	N/A
6/2004	1,660.00	5,112.00	1,721.00	6,650.00	ND	ND	21,900.00	470.20	14,477.00	420.30	771.00	ND	ND	ND	NA	NA	N/A
5/2010	219.90	25.33	256.10	1,887.50	ND	ND	1,615.60	ND	5,828.90	5.80	136.20	ND	ND	ND	NA	NA	N/A
5/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5,021.00	212.42	N/A
11/2011	NS	NS	NS	6,620.00	NS	NS	9,524.00	NS	5,801.00	NS	NS	NS	NS	NS	1,033.00	NS	N/A
3/2012	189.27	0.99	ND	541.00	ND	ND	9,559.00	ND	6,961.00	ND	27.02	ND	ND	ND	359.55	148.17	
Total VOCs																	
9/2003	3,856.00	2,082.00	2,693.00	5,834.00	ND	ND	23,940.00	292.00	16,690.00	9,251.00	1,371.00	ND	NA	NA	NA	NA	N/A
6/2004	4,946.00	7,803.00	3,132.00	8,993.00	2.90	11.90	25,525.00	985.40	17,407.00	514.00	956.80	2.20	1.40	ND	NA	NA	N/A
5/2010	656.00	100.59	598.50	3,721.20	ND	ND	2,562.10	1.98	9,204.10	29.94	244.30	ND	ND	ND	NA	NA	N/A
5/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7,509.20	212.42	N/A
11/2011	NS	NS	NS	10,925.00	NS	NS	15,351.00	NS	8,520.00	NS	NS	NS	NS	NS	1,491.70	NA	N/A
3/2012	518.70	5.97	4.98	3,727.00	ND	ND	16,250.00	ND	18,036.00	ND	62.01	ND	ND	ND	787.75	355.34	N/A

(1) - NYSDEC June 1998 Division of Water Technical and Operational and Guidance Series 1.1.1 (TOGS 1.1.1) Ambient Groundwater Standards and Guidance Values as amended by April 2000 Supplemental Table.

Bold text denotes analyte was detected above NYSDEC Groundwater Standards

"NA" denotes Not Applicable or well does not exist

"ND" denotes analyte was not detected above the reported laboratory detection limit

"NS" denotes well not sampled

Table 8
Groundwater Elevation Measurements
Site B-00129-8
1200 East Main Street
Rochester, NY

Monitoring Well Number	Date Gauged	Total Depth of Well (ft.)	Monitoring Well Diameter (in.)	Top of Casing Reference Elevation (ft.)	Depth to Product (ft.)	Depth to Water (ft.)	Product Thickness (ft.)	Adjusted Groundwater Depth (ft.)	Calculated Groundwater Elevation (ft.)
MW-1	11/8/2016	24.08	2.00	495.35	None	19.58	0.00	19.58	475.77
MW-2	11/8/2016	24.19	2.00	496.02	None	22.34	0.00	22.34	473.68
MW-3	11/8/2016	21.79	2.00	492.02	None	16.30	0.00	16.30	475.72
MW-4	11/8/2016	21.12	2.00	492.00	None	17.19	0.00	17.19	474.81
MW-5	11/8/2016	24.51	2.00	492.70	None	NA	0.00	NA	NA
MW-6	11/8/2016	23.59	2.00	492.65	None	NA	0.00	NA	NA
MW-7R	11/8/2016	22.50	2.00	491.97	None	17.27	0.00	17.27	474.70
MW-8	11/8/2016	22.20	2.00	494.91	None	20.98	0.00	20.98	473.93
MW-9R	11/8/2016	23.47	2.00	492.41	None	13.13	0.00	13.13	479.28
MW-10	11/8/2016	26.49	2.00	496.14	None	NA	0.00	NA	NA
MW-11	11/8/2016	28.80	2.00	495.95	None	19.32	0.00	19.32	476.63
MW-12	11/8/2016	22.03	2.00	491.17	None	NA	0.00	NA	NA
MW-13	11/8/2016	22.80	2.00	490.53	None	NA	0.00	NA	NA
MW-14	11/8/2016	19.70	2.00	489.48	None	NA	0.00	NA	NA
MW-15R	11/8/2016	23.16	2.00	492.54	None	17.50	0.00	17.50	475.04
MW-16	11/8/2016	23.40	2.00	492.50	None	17.85	0.00	17.85	NA

NA = Not Available

Table 9
Backfill Quantities and Sources
Site Number B-00129-8
1200 E. Main Street
Rochester, NY

Type of Backfill	Quantities	Area Backfilled	Remediation Phase	Source	NYSDEC Approved
Class 1	230 Tons	Excavation Area 1A	Surface soil and source area soil removal March 2010	Re-used non-impacted from Area 4 Excavation	Re-used backfill soils < 10 ppm
Class 1	150 Tons	Excavation Area 1B	Surface soil and source area soil removal March 2010	Re-used non-impacted from Area 4 Excavation	Re-used backfill soils < 10 ppm
Class 1 and approved imported Backfill	70 Tons 480 Tons 1,060 Tons	Excavation Area 2	Surface soil and source area soil removal March 2010	Re-used non-impacted from Areas 2 and 4 Excavations and from S. Plymouth Ave. soil pile	Re-used backfill soils < 10 ppm and 2009 NYSDEC approval letter
Class 1 and approved imported Backfill	75 Tons 245 Tons 440 Tons	Excavation Area 3	Surface soil and source area soil removal March 2010	Re-used non-impacted from Areas 3 and 4 Excavations and from S. Plymouth Ave. soil pile	Re-used backfill soils < 10 ppm and 2009 NYSDEC approval letter
Class 1 and approved imported Backfill	934 Tons 400 Tons	Excavation Area 4	Surface soil and source area soil removal March 2010	Re-used non-impacted from Areas 4 Excavation and from S. Plymouth Ave. soil pile	Re-used backfill soils < 10 ppm and 2009 NYSDEC approval letter
Class 1 and approved imported Backfill	70 Tons 795 Tons	Source Soil Removal Excavation	Source Soil Removal Excavation March 2016	Re-used non-impacted from Source Soil Removal Excavation and imported from Dolomite Group Walworth Plant	Re-used backfill soils < 10 ppm NYSDEC approval via e-mail

DOLOMITE PRODUCTS COMPANY, INC
 MANITOU CONSTRUCTION COMPANY, INC
 ROCHESTER ASPHALT MATERIALS
 IROQUOIS ROCK PRODUCTS
 NORTHRUP MATERIALS

1200 E. Main Street
 Rochester, NY

1150 Penfield Road
 Rochester, N.Y. 14625
 Phone: (585) 381-7010
 Fax : (585) 381-0208

DATE: March 18, 2016
 PAGE: 1 of 1

TO: Tony Alu
 OF: Riccelli Enterprises

PROJECT: 1200 East Main Street

CRUSHED STONE: Walworth Plant

NYS DOT Source #: 3-8R
 Current NYSDOT Test #: 12 AR 71

This is to certify that the Crushed Stone to be used on the above referenced project will be produced in accordance with the most current New York State Department of Transportation's, "Standard Specifications" and Addenda. All stone properties conform to sections 703.0201, 203, 304, 605 and 620 of the Specification. Specific values are listed below.

PROPERTY	VALUE	SPEC.
Mag. Sulfate Loss	4	18 max.
LA Abrasion Loss	23	35 max.
Flat and Elongated Pieces - 3:1 5:1	5	30 max.
	0	10 max.
Crushed Particles	100	n.a.
Deleterious Materials	0	2 max.

TYPICAL GRADATIONS (All Values are % Passing)						
SIEVE SIZE	CRUSHER RUN #2	CRUSHER RUN #1	CRUSHER RUN 5/8"	#1 STONE	#2 STONE	#1 & #2 MIX
4" (100 mm)	100					
2" (50)	100					
1 1/2" (37.5)	92				100	100
1" (25)	72	100		100	90	95
1/2" (12.5)	45		100	98	8	53
1/4" (6.3)	36	52	72	12	2	7
#40 (0.425)	11	11	15			
#80 (0.180)	8	8	11			
#200 (0.075)	6	7	8	0.4	0.2	0.3
Typical Item Numbers	203. _____ 304. _____			605.0901		CA 2 ASTM 57

LIGHT STONE FILL		
SIZE	VALUE	SPEC
Lighter Than 100 Lbs.	100	90 - 100
Larger Than 6"	55	50 - 100
Smaller Than 1/2"	8	0 - 10

Notes:
 1) Proctor Density typically runs at approx 142 +/-2 pcf at 6-8% Moisture. (For Crusher Run products only)
 2) Medium and Heavy Stone Fill Items are selected at time of purchase to satisfy project requirements.

Signed By: Pasquale (Pat) A. DiLucia Pasquale (Pat) A. DiLucia - Vice President

DOLOMITE PRODUCTS COMPANY, INC
 MANITOU CONSTRUCTION COMPANY, INC
 ROCHESTER ASPHALT MATERIALS
 IROQUOIS ROCK PRODUCTS
 NORTHRUP MATERIALS

Table 10
 Stockpile/Imported Backfill Materials Sample Results
 Site Number B-00129-8
 1200 E. Main Street
 Rochester, NY

1150 Penfield Road
 Rochester, N.Y. 14625
 Phone: (585) 381-7010
 Fax : (585) 381-0208

DATE: March 10, 2016
 PAGE: 1
 E-MAIL: wendy@gattiplumbing.com

TO: Jon Gatti
 OF: Gatti Plumbing

PROJECT: 1200 E. Main Street (City of Rochester)

CRUSHED STONE: Gates Plant

NYS DOT Source #: 4-6R
 Current NYS DOT Test #: 99 AR 55S

This is to certify that the Crushed Stone to be used on the above referenced project will be produced in accordance with the most current New York State Department of Transportation's "Standard Specifications" and Addenda. All stone properties conform to sections 703.0201, 203, 304, 605 and 620 of the Specification. Specific values are listed below.

PROPERTY	VALUE	SPEC.
Mag. Sulfate Loss	13	18 max.
ASTM C 131 Loss	20	45 max.
Flat and Elongated Pieces - 3:1 5:1	1	30 max.
	0	10 max.
Crushed Particles	100	n.a.
Deleterious Materials	0	2 max.

TYPICAL GRADATIONS (All Values are % Passing)						
SIEVE SIZE	CRUSHER RUN #2	CRUSHER RUN #1	#2 STONE	#1 and #2 MIXTURE	WASHED 2 STONE	WASHED 1 STONE
4" (100 mm)						
3" (75)						
2" (50)	100					
1 1/2" (37.5)	93		100		100	
1" (25)	87	100	96	100	96	
1/2" (12.5)	73		15	54	13	100
1/4" (6.3)	54	54	2	6	1	91
#40 (0.425)	13	15				
#200 (0.075)	7	6.7	0.3	0.3	0.3	0.8
Typical Item Numbers	203.____ 304.____		605.0901		623.12 CA 2 ASTM 57	605.1001

LIGHT STONE FILL		
SIZE	VALUE	SPEC
Lighter Than 100 Lbs.	100	90 - 100
Larger Than 6"	55	50 - 100
Smaller Than 1/2"	8	0 - 10

Notes:
 1) Proctor Density typically runs at approx 142 +/-2 pcf at 6-8% Moisture. (For Crusher Run products only)
 2) Medium and Heavy Stone Fill Items are selected at time of purchase to satisfy project requirements.

Signed By: *Cynthia Miceli*

Cynthia Miceli Admin. Assist. (Sales)

**REMEDIATION
PROGRAM**



REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CK'D

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**SOILS EXCEEDING
UNRESTRICTED SCOs
AFTER REMEDIAL ACTION**

Project Manager:
S. DEMEO
Designed by:
C. WOOD
Checked by:
S. DEMEO
Date Issued:
MARCH 2017
Scale:
1"=30'

Project Number: 4453.05
File Name: I:\City of Rochester\00453.05\3.0\3.8
Final FER March 2017\FINAL FER Figures
Drawing Number:

TABLE 11

MARCH 2016
EXCAVATION AREA

N-SW-9
* CHROMIUM=8.24 ppm

NE-SW-1
* CHROMIUM=6.01 ppm

E-SW-2
* CHROMIUM=5.79 ppm

SE-SW-3
* CHROMIUM=8.78 ppm

S-SW-5
* CHROMIUM=5.6 ppm

SW-SW-6
* CHROMIUM=5.77 ppm

SW-SW-7
*ACETONE=0.137 ppm
* CHROMIUM=9.97 ppm

NW-SW-8
* CHROMIUM=10.7 ppm

BOT-1
* CHROMIUM=7.68 ppm

BOT-2
* CHROMIUM=7.85 ppm

MARCH 2010
EXCAVATION AREA 1A

S-1
MEETS STANDARDS

S-2
MEETS STANDARDS

S-3
MEETS STANDARDS

S-4
MEETS STANDARDS

S-5
MEETS STANDARDS

S-6
MEETS STANDARDS

S-7
MEETS STANDARDS

MARCH 2010
EXCAVATION AREA 1B

S-8
MEETS STANDARDS

S-9
MEETS STANDARDS

S-10
MEETS STANDARDS

S-11
MEETS STANDARDS

S-12
MEETS STANDARDS

S-13
MEETS STANDARDS

S-14
MEETS STANDARDS

S-15
MEETS STANDARDS

S-16
MEETS STANDARDS

MARCH 2010
EXCAVATION AREA 2

W-SIDEWALL
* CHROMIUM=5.78 ppm

BOTTOM FLOOR DRAIN
* CHROMIUM=4.09 ppm
*+ 1,2,4-TRIMETHYLBENZENE=4.2 ppm
+ XYLENE=1.832 ppm

E-SIDEWALL
* CHROMIUM=6.67 ppm
*+ 1,2,4-TRIMETHYLBENZENE=2.77 ppm
* XYLENE=0.918 ppm

NW-SIDEWALL
* CHROMIUM=5.17 ppm

BOTTOM NORTH
* CHROMIUM=8.5 ppm

NE-SIDEWALL
* CHROMIUM=5.11 ppm

S-SIDEWALL
* CHROMIUM=5.14 ppm

MARCH 2010
EXCAVATION AREA 3

E-SIDEWALL
*+ ACETONE=0.065 ppm

SE-SIDEWALL
MEETS STANDARDS

NE-SIDEWALL
MEETS STANDARDS

SW-SIDEWALL
*+ ACETONE=0.103 ppm

NW-SIDEWALL
*+ ETHYLBENZENE=19.9 ppm
*+ n-PROPYLBENZENE=17.1 ppm
*+ TOLUENE=9.58 ppm
*+ 1,2,4-TRIMETHYLBENZENE=81.8 ppm
*+ 1,3,5-TRIMETHYLBENZENE=30.6 ppm
*+ XYLENE=108.3 ppm

W-SIDEWALL
*+ ACETONE=0.118 ppm

MARCH 2010
EXCAVATION AREA 4

SE-SIDEWALL
* CHROMIUM=5.28 ppm

NE CORNER WALL
MEETS STANDARDS

N-SIDEWALL
MEETS STANDARDS

NW-SIDEWALL
* CHROMIUM=6.25 ppm

SW-SIDEWALL
* CHROMIUM=5.5 ppm

S-SIDEWALL
* CHROMIUM=9.02 ppm
* LEAD=83.2 ppm
* ETHYLBENZENE=7.94 ppm
* n-PROPYLBENZENE=6.33 ppm
* TOLUENE=6.75 ppm
*+ 1,2,4-TRIMETHYLBENZENE=46.3 ppm
*+ 1,3,5-TRIMETHYLBENZENE=16.5 ppm

NOTES:

- CONFIRMATORY SOIL SAMPLES TAKEN BETWEEN MARCH 9 AND APRIL 11, 2010 FOR MARCH 2010.
- CONFIRMATORY SOIL SAMPLES TAKEN ON MARCH 27, 2016 FOR MARCH 2016.
- ALL SAMPLE RESULTS EXPRESSED IN PARTS PER MILLION (ppm).
- ALL SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
- VOC CHEMICAL COMPOUNDS AND METALS IN BOLD TYPE EXCEED NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES.
- TOTAL VOCs IN THE SUM OF DETECTED VOLATILE ORGANIC COMPOUNDS. TOTAL SVOCs IS THE SUM OF DETECTED SEMI-VOLATILE ORGANIC COMPOUNDS. TICs=TENTATIVELY IDENTIFIED COMPOUNDS.
+ = EXCEEDS PROTECTION OF GROUNDWATER STANDARDS
* = EXCEEDS PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- THE SOIL SAMPLE RESULTS POSTED REPRESENT LEVELS AND EXCEEDANCES DETECTED IN CONFIRMATORY SOIL SAMPLES THAT REMAIN AT THE SITE AT THE TIME THE FINAL ENGINEERING REPORT WAS CERTIFIED.



FIGURES

I:\City of Rochester\004453.05 CITY OF ROCH-1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER Figures\Final FER Figures\FIGURE 1.dwg



CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL
ENGINEERING
REPORT
NYSDEC SITE
NUMBER B-00129-8

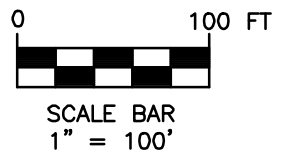


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Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

Legend



PROJECT SITE MAP

Drawing Number:

FIGURE 1

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



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280 East Broad Street
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Rochester, NY 14604

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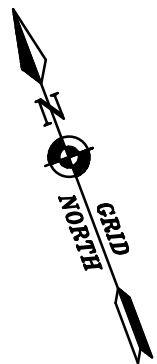
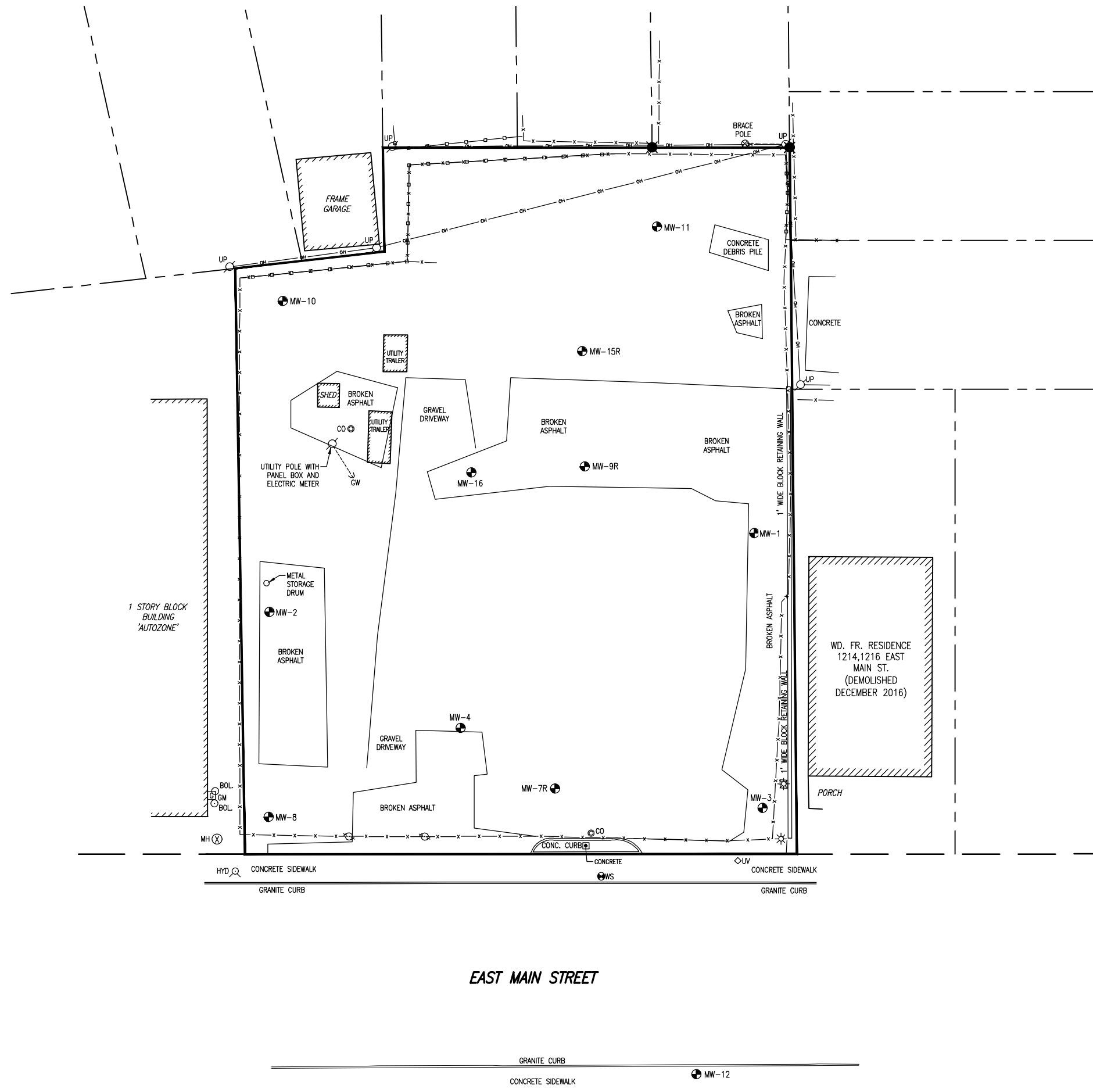
SITE LAYOUT

Drawing Number:

FIGURE 2

LEGEND

- ⊕ MW MONITORING WELL
- ⊗ GV GAS VALVE
- ⊙ HYD HYDRANT
- ⊕ WV WATER VALVE
- ⊕ WS WATER SERVICE
- ⊙ UP POWER POLE
- GW --- GUY WIRE
- ⊙ LIGHT POLE
- ◇ UV UNKNOWN VALVE
- ⊗ MH UNKNOWN MANHOLE
- ⊕ GM GAS METER
- BOL BOLLARD
- PROPERTY LINE



SCALE BAR
1" = 30'

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



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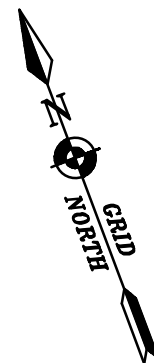
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SOIL EXCAVATION AS-BUILT FIGURE MARCH 2010 & 2016

Drawing Number:

FIGURE 3

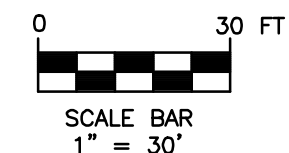
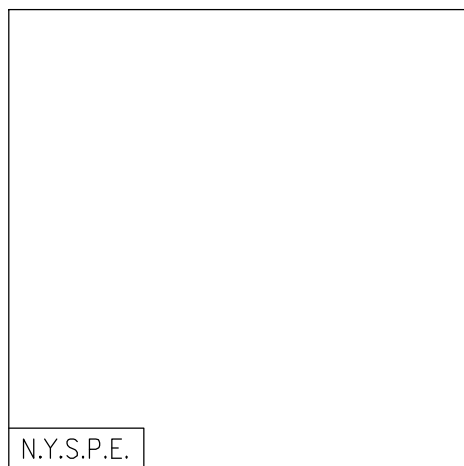
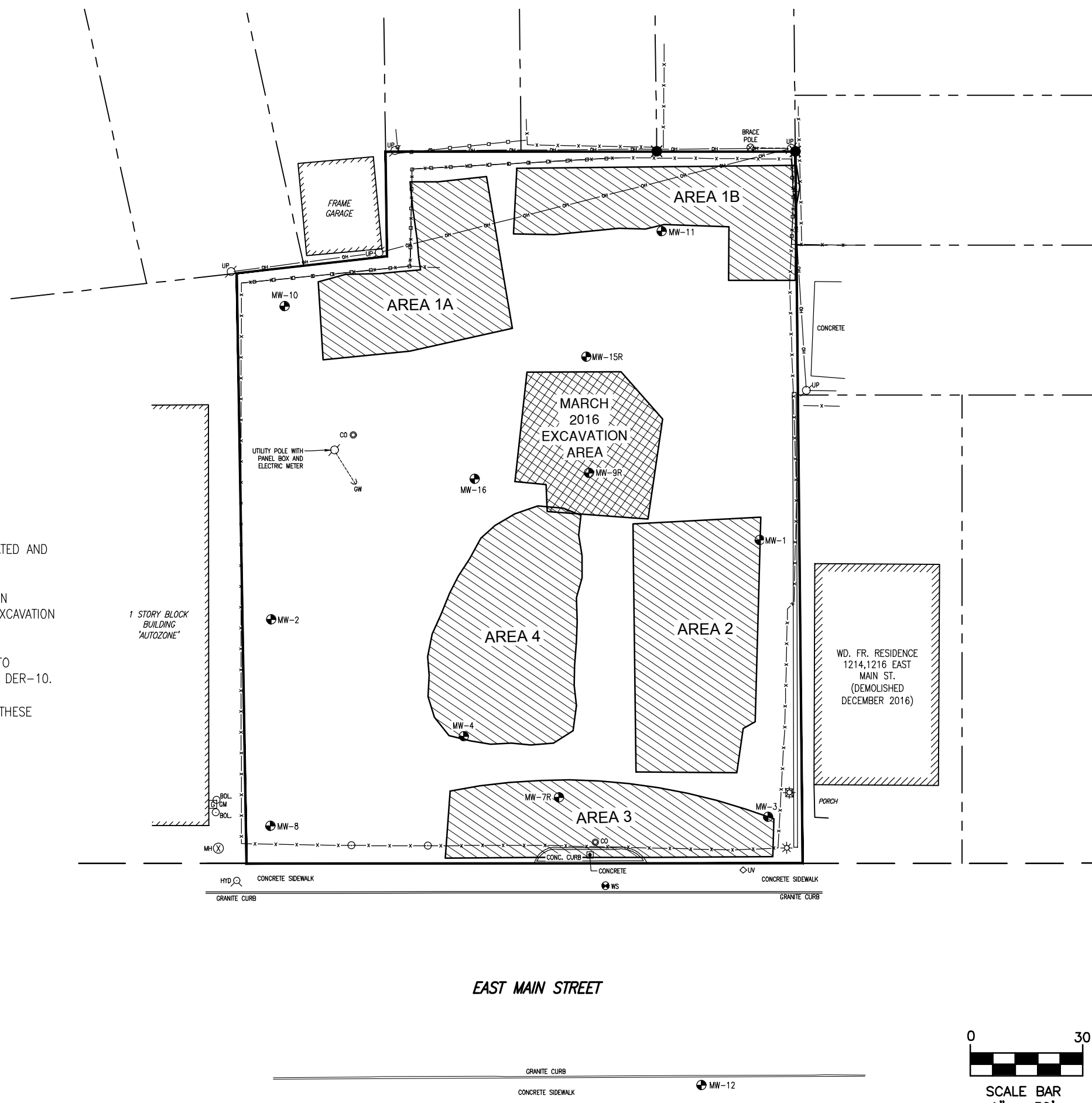


LEGEND

- MARCH 2010 EXCAVATION AREA
- MARCH 2016 EXCAVATION AREA

NOTES:

- 1) SOILS FROM PETROLEUM IMPACTED SOURCE AREAS WERE EXCAVATED AND TRANSFERRED OFF-SITE FOR DISPOSAL.
- 2) CONFIRMATORY SOIL SAMPLES WERE COLLECTED AND ANALYZED IN ACCORDANCE WITH NYSDEC DER-10 PRIOR TO BACKFILLING EACH EXCAVATION TO GROUND SURFACE.
- 3) THE BACKFILL FOR EACH EXCAVATION AREA WAS TESTED PRIOR TO NYSDEC APPROVAL AS SITE BACKFILL IN ACCORDANCE WITH NYSDEC DER-10.
- 4) SEE FIGURE 10 FOR REMAINING SOIL SAMPLE EXCEEDANCES AT THESE EXCAVATION AREAS.



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 3.dwg

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-B



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Project Number: 4453.05	

CONTOUR MAP OF EXCAVATION AND BACKFILL THICKNESS

Drawing Number:

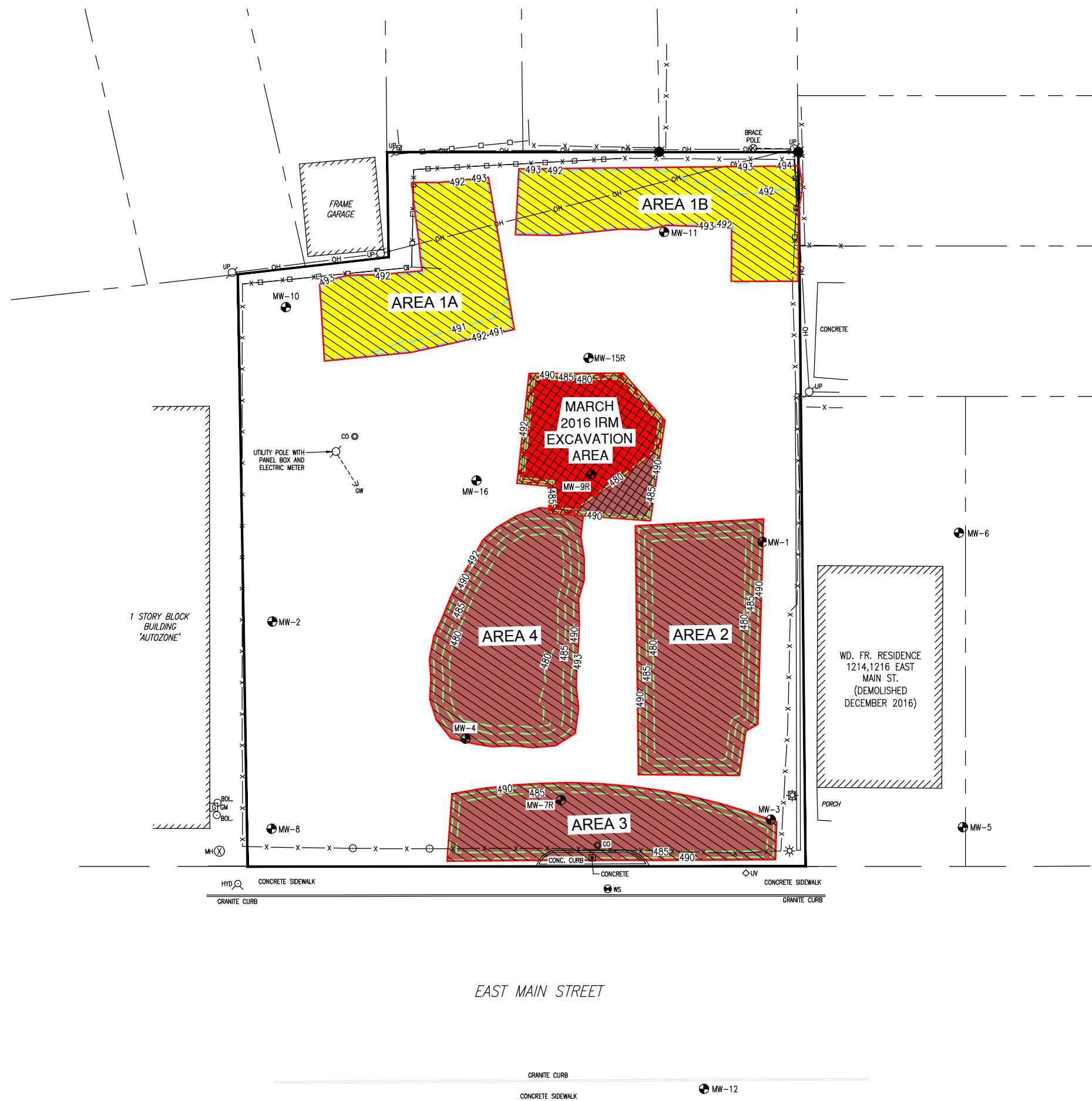
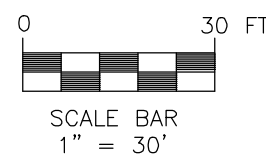
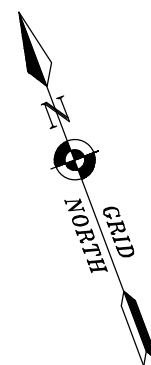
FIGURE 4

LEGEND

- MARCH 2010 IRM EXCAVATION AREA
- MARCH 2016 IRM EXCAVATION AREA
- MONITORING WELL
- GAS VALVE
- HYDRANT
- WATER VALVE
- WATER SERVICE
- POWER POLE
- UTILITY POLE
- GUY WIRE
- LIGHT POLE
- UNKNOWN VALVE
- UNKNOWN MANHOLE
- GAS METER
- BOLLARD
- PROPERTY LINE

- 490 MAJOR CONTOUR (5' INTERVAL)
- 492 MINOR CONTOUR (1' INTERVAL)

- BACKFILL SOIL THICKNESS APPROXIMATELY 1.5 TO 2.0 FEET.
- BACKFILL SOIL THICKNESS APPROXIMATELY 10 TO 13 FEET.
- BACKFILL SOIL THICKNESS APPROXIMATELY 14 TO 16 FEET.



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 4.dwg

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



Bergmann Associates, Architects, Engineers,
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Project Manager:	Checked By:
S. DEMEO	S. DEMEO
Designed By:	Drawn By:
C. WOOD	C. WOOD
Date Issued:	Scale:
04/10/2018	1" = 30'
Project Number:	
4453.05	

REUSED BACKFILL MATERIAL





Drawing Number:

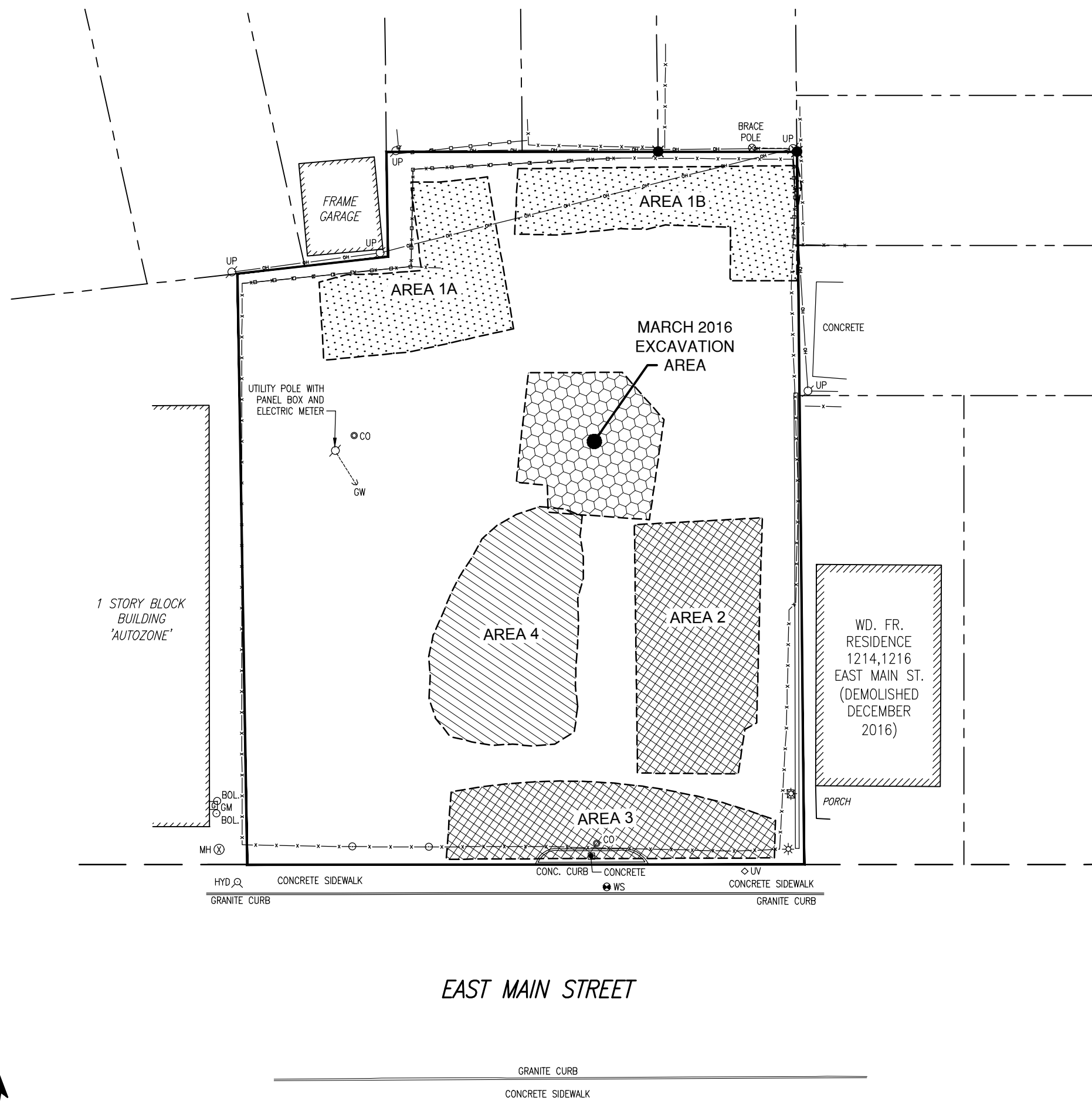
FIGURE 5

LEGEND

⊗ GV	GAS VALVE
⊗ HYD	HYDRANT
⊗ WV	WATER VALVE
⊗ WS	WATER SERVICE
⊗ UP	POWER POLE
GW ---	GUY WIRE
⊗	LIGHT POLE
◇ UV	UNKNOWN VALVE
⊗ MH	UNKNOWN MANHOLE
⊗ GM	GAS METER
○ BOL	BOLLARD
---	PROPERTY LINE

QUANTITIES AND DESTINATIONS

-  IMPORTED APPROVED BACKFILL FROM 1315 S. PLYMOUTH AVE. AND RE-USED AREA 4 SOILS
-  ON-SITE REUSED SOIL FROM AREA 2, AREA 3, AREA 4 AND FROM 1315 S. PLYMOUTH AVE.
-  ON-SITE REUSED SOIL FROM AREA 4
-  IMPORTED BACKFILL FROM THE DOLOMITE GROUP WALWORTH NY AND ON-SITE SOILS FROM EXCAVATION AREAS. (795 TONS TOTAL FROM THE DOLOMITE GROUP) (70 TONS TOTAL FROM THIS EXCAVATION)



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 5.dwg

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BACKFILL PLACEMENT LOCATIONS

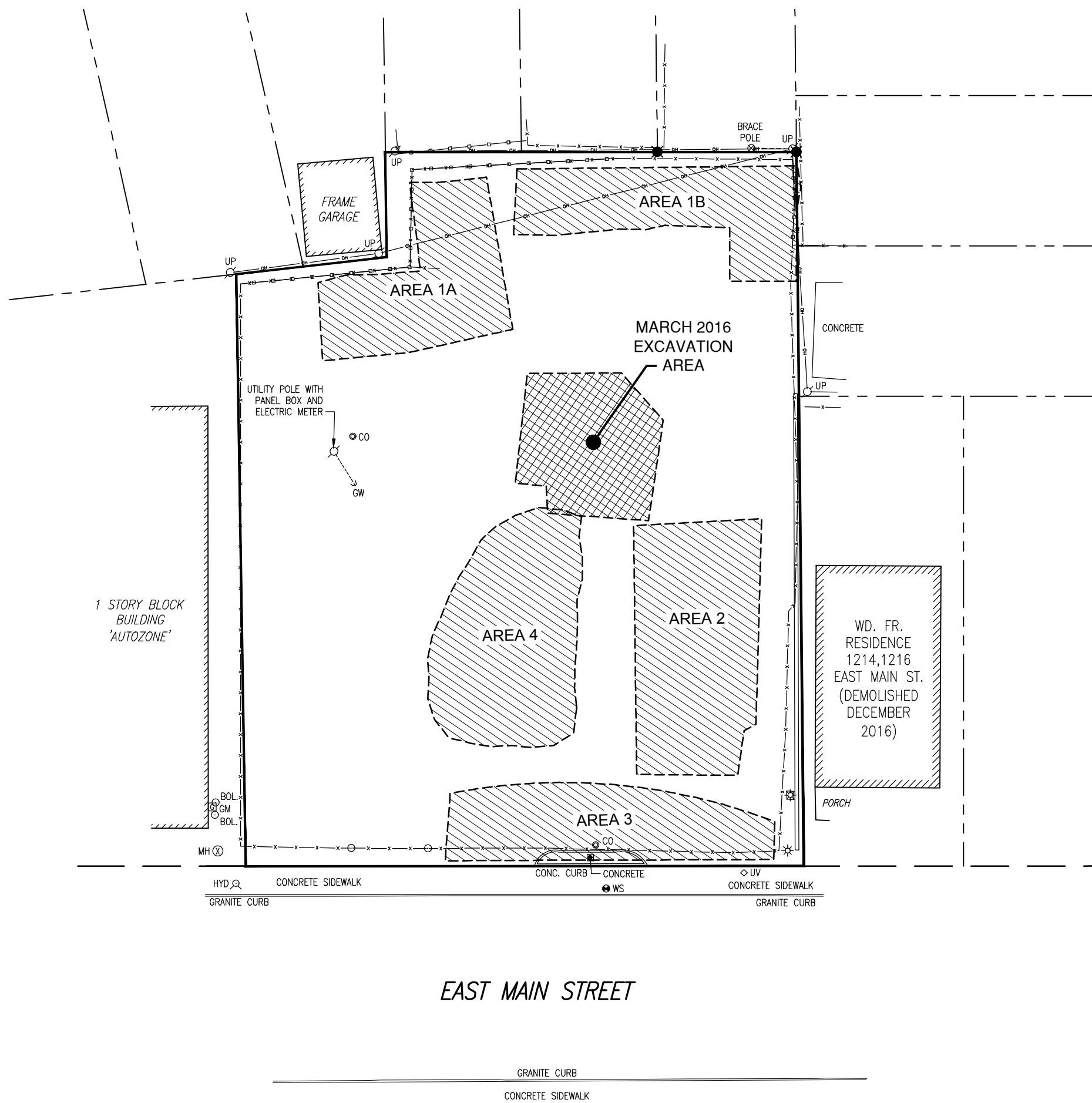
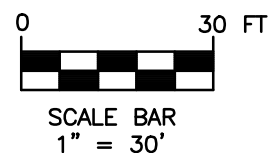
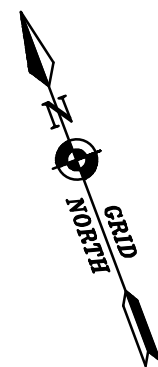
Drawing Number:

FIGURE 6

LEGEND

- ⊗ GV GAS VALVE
- ⊙ HYD HYDRANT
- ⊖ WV WATER VALVE
- WS WATER SERVICE
- ⊙ UP POWER POLE
- GW ← GUY WIRE
- ⊙ LIGHT POLE
- ◇ UV UNKNOWN VALVE
- ⊗ MH UNKNOWN MANHOLE
- ⊗ GM GAS METER
- BOL BOLLARD
- PROPERTY LINE

- BACKFILL PLACEMENT LOCATIONS MARCH/APRIL 2010
- BACKFILL PLACEMENT LOCATIONS MARCH/APRIL 2016



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 6.dwg

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SOIL STOCKPILE AREAS AND AIR MONITORING STATION LOCATIONS

Drawing Number:

FIGURE 7

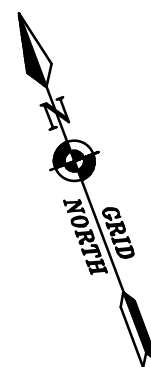
LEGEND

- ⊕ MW MONITORING WELL
- ⊗ GV GAS VALVE
- ⊙ HYD HYDRANT
- ⊕ WV WATER VALVE
- ⊕ WS WATER SERVICE
- ⊙ UP POWER POLE
- GW --- GUY WIRE
- ☼ LIGHT POLE
- ◇ UV UNKNOWN VALVE
- ⊗ MH UNKNOWN MANHOLE
- ⊠ GM GAS METER
- BOL BOLLARD
- PROPERTY LINE

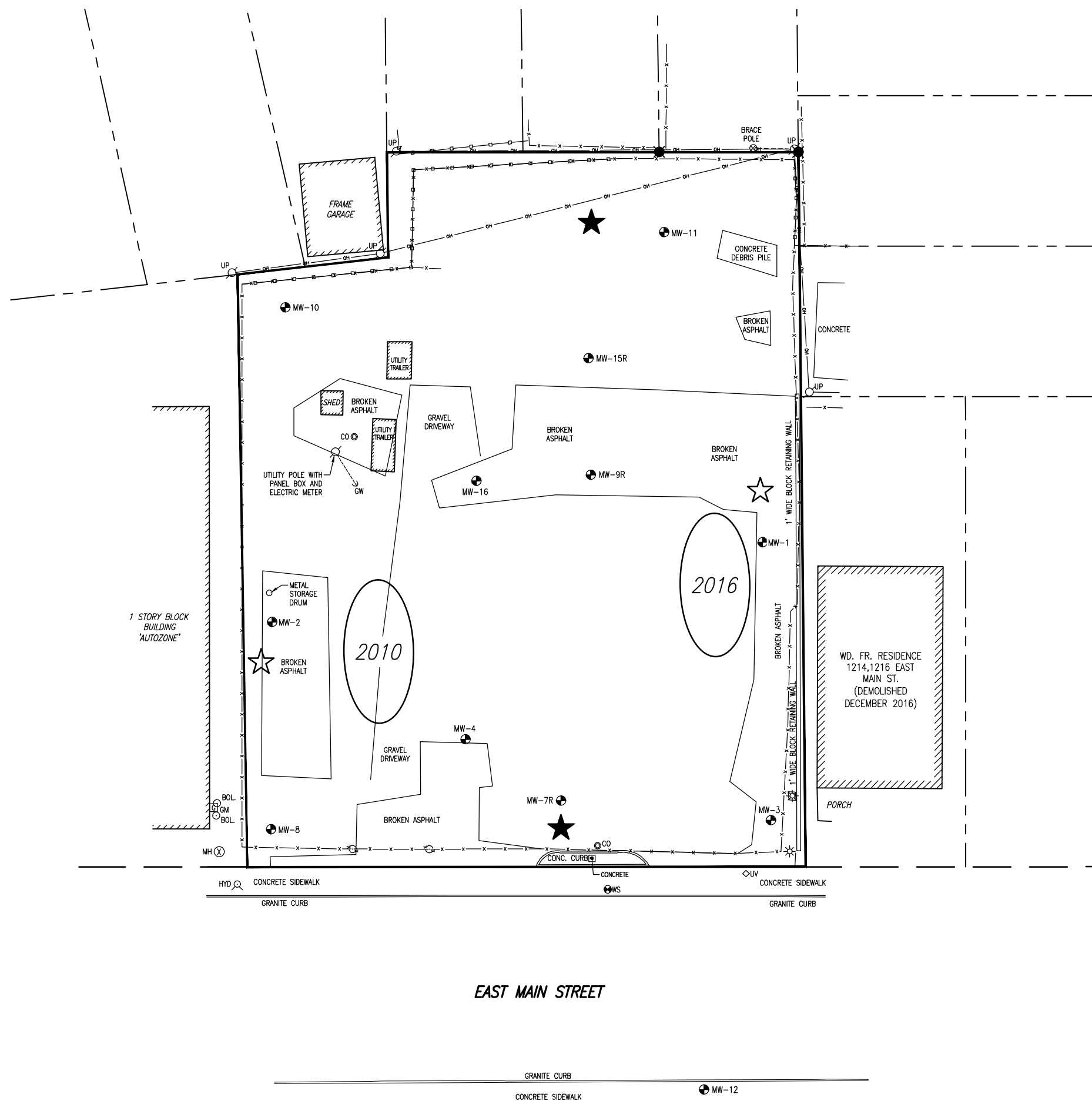
2016 = APPROXIMATE LOCATIONS OF SOIL STOCKPILES DURING SOIL REMOVALS (2010 AND 2016)

☆ = AIR MONITORING STATION LOCATIONS USED DURING WEST AND EAST WIND DIRECTION

★ = AIR MONITORING STATION LOCATIONS USED DURING NORTH AND SOUTH WIND DIRECTION



SCALE BAR
1" = 30'



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 7.dwg

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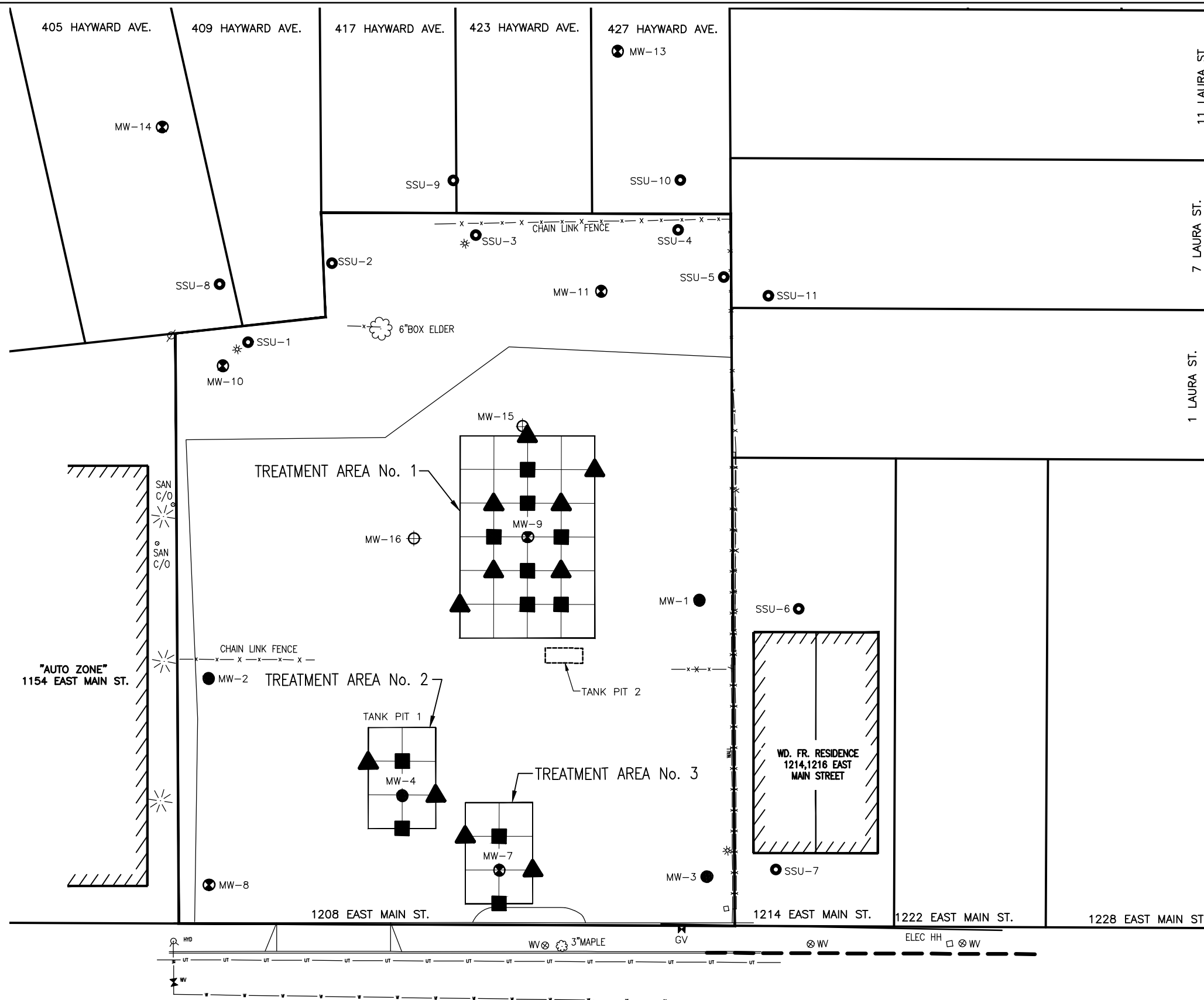
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ISCO AS-BUILT FIGURE RegenO_x™

Drawing Number:

FIGURE 8

- LEGEND**
- MW-1 ● EXISTING MONITORING WELL INSTALLED IN 2000
MW-1 TO MW-4
 - MW-9 ⊗ SUPPLEMENTAL 2" DIA. MONITORING WELL
MW-5 TO MW-14
 - ⊕ MONITORING WELL INSTALLED DURING MAY 2011
 - ▲ REGEN O_x INJECTION POINT
 - O₂ INJECTION POINT
 - SSU-1 ○ SUPPLEMENTAL SURFACE
SOIL SAMPLE LOCATIONS, 2004
SSUB-SSU11
 - SU SURFACE SAMPLE
 - SS SUBSURFACE SAMPLE
 - ⊗ GV GAS VALVE
 - ⊗ HYDRANT
 - ⊗ WV WATER VALVE
 - ⊗ LIGHT POLE
 - ⊗ POWER POLE
 - PROPERTY LINE
 - ☀ PINE TREE
 - INSTALLED RegenO_x™ TREATMENT ISCO
BOREHOLE LOCATION
(APPROXIMATE FIRST INJECTION)
 - ▲ INSTALLED RegenO_x™ TREATMENT ISCO
BOREHOLE LOCATION
(APPROXIMATE SECOND INJECTION)



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I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 8.dwg

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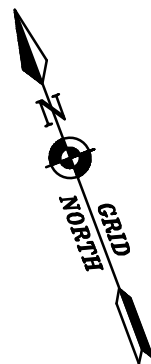
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VEGE & O2 INJECTION WITH SVE SYSTEMS AS-BUILT FIGURE

Drawing Number:

FIGURE 9

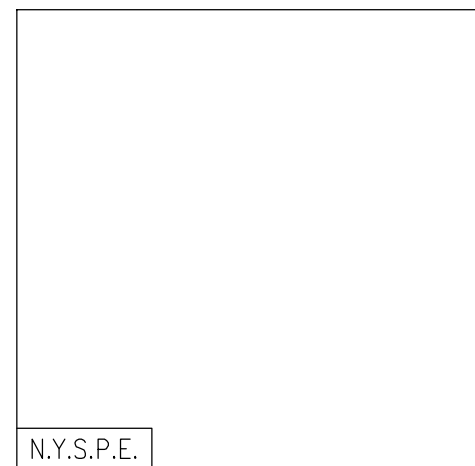
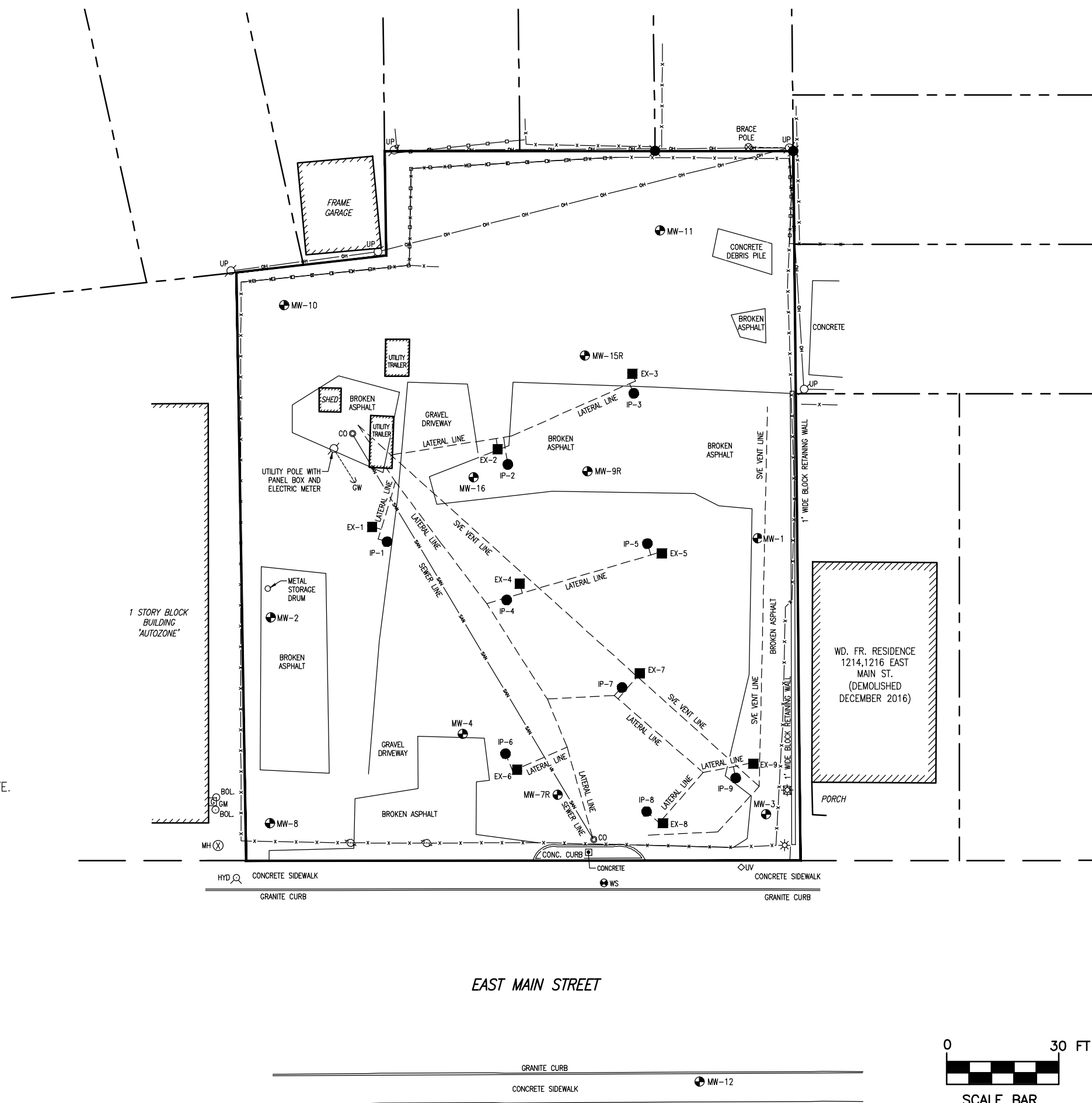


LEGEND

■ EX-1	VEGE SYSTEM EXTRACTION WELL
● IP-1	O ₂ SYSTEM INJECTION POINT
⊕ MW	MONITORING WELL
⊗ GV	GAS VALVE
⊙ HYD	HYDRANT
⊕ WV	WATER VALVE
⊕ WS	WATER SERVICE
⊙ UP	POWER POLE
GW ---	GUY WIRE
⊙	LIGHT POLE
◇ UV	UNKNOWN VALVE
⊗ MH	UNKNOWN MANHOLE
⊕ GM	GAS METER
○ BOL	BOLLARD
---	PROPERTY LINE

NOTES:

- 1) THE VEGE SYSTEM, OXYGEN INJECTION SYSTEM, SOIL VAPOR EXTRACTION SYSTEM, MONITORING WELLS, ELECTRIC UTILITY POLE, SEWER LATERAL AND PROPERTY LINE FENCING ARE THE ENGINEERING CONTROLS (EC).
- 2) SEE SITE MANAGEMENT PLAN (SMP) AND ENVIRONMENTAL EASEMENT FOR FURTHER DETAILS AND DESCRIPTIONS OF ENGINEERING CONTROLS AT THE SITE.



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I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP_C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 9.dwg

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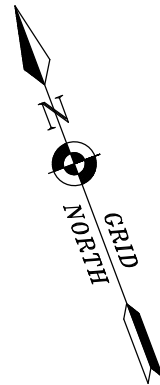
EXCEEDANCES OF UNRESTRICTED SOIL CLEANUP OBJECTIVES

Drawing Number:

FIGURE 10

LEGEND

- BOTTOM CONFIRMATORY SOIL SAMPLE
- ▲ S-4 CONFIRMATORY SHALLOW SOIL SAMPLE FROM AREA 1A AND AREA 1B
- ▲ NW SIDEWALL CONFIRMATORY SOIL SAMPLE FROM THE SIDEWALL OF AREAS 2, 3 AND 4.
- NE-SW-1 MARCH 2016 CONFIRMATORY SOIL SAMPLE (NE=NORTHEAST, SW=SIDEWALL, BOT=BOTTOM)
- ▨ APPROXIMATE AREAS OF SOIL REMOVAL MARCH 2010
- ▩ APPROXIMATE AREAS OF SOIL REMOVAL MARCH 2016
- ⊕ MW MONITORING WELL
- ⊕ GV GAS VALVE
- ⊕ HYD HYDRANT
- ⊕ WV WATER VALVE
- ⊕ WS WATER SERVICE
- ⊕ UP POWER POLE
- ⊕ GW GUY WIRE
- ⊕ LP LIGHT POLE
- ⊕ UV UNKNOWN VALVE
- ⊕ MH UNKNOWN MANHOLE
- ⊕ GM GAS METER
- ⊕ BOL BOLLARD
- PROPERTY LINE



MARCH 2010 EXCAVATION AREA 2

BOTTOM FLOOR DRAIN
*+ 1,2,4-TRIMETHYLBENZENE=4.2 ppm
+ XYLENE=1.832 ppm

E-SIDEWALL
*+ 1,2,4-TRIMETHYLBENZENE=2.77 ppm
* XYLENE=0.918 ppm

MARCH 2010 EXCAVATION AREA 3

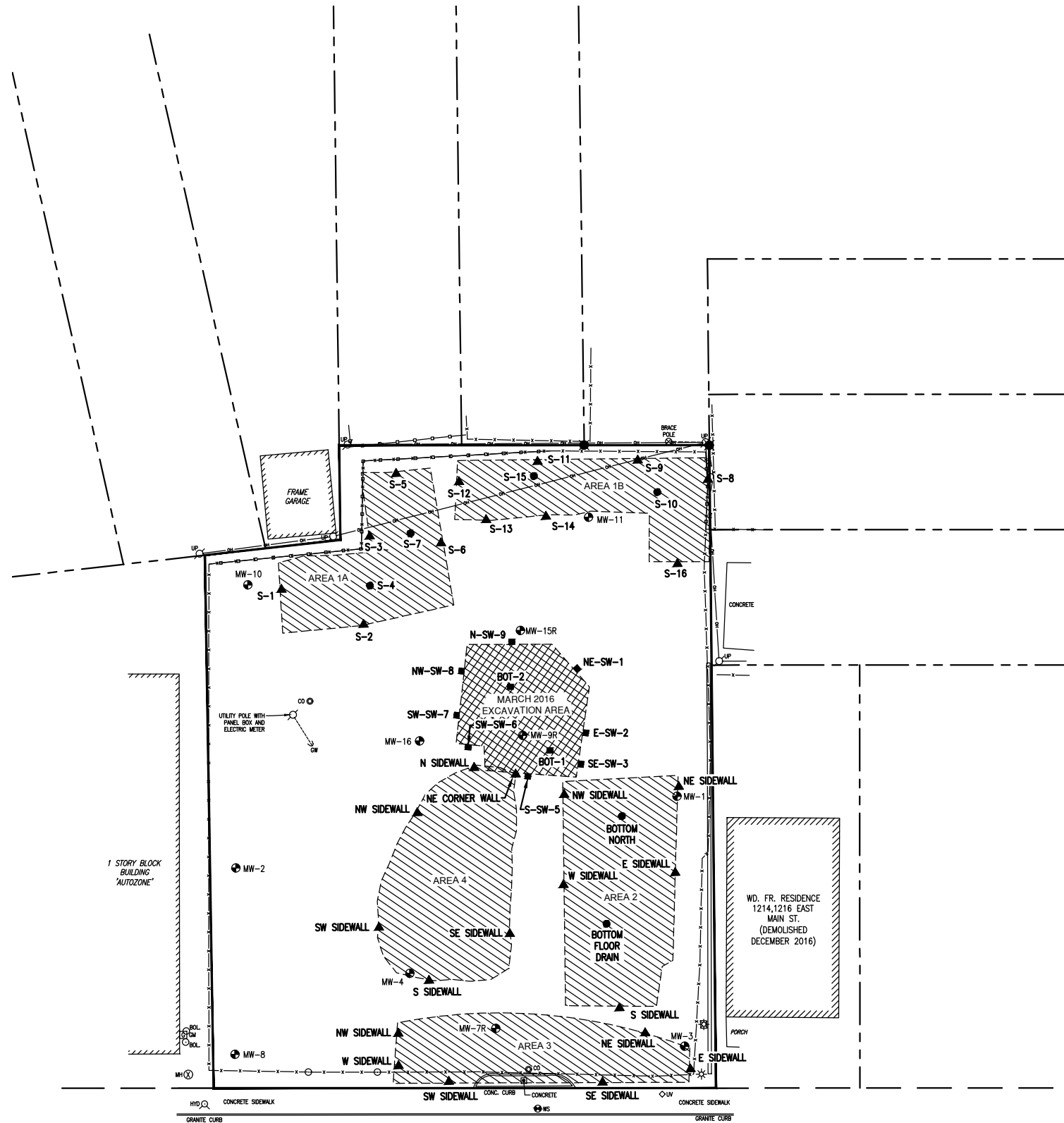
NW-SIDEWALL
*+ ETHYLBENZENE=19.9 ppm
*+ n-PROPYLBENZENE=17.1 ppm
*+ TOLUENE=9.58 ppm
*+ 1,2,4-TRIMETHYLBENZENE=81.8 ppm
*+ 1,3,5-TRIMETHYLBENZENE=30.6 ppm
*+ XYLENE=108.3 ppm

MARCH 2010 EXCAVATION AREA 4

S-SIDEWALL
* LEAD=83.2 ppm
* ETHYLBENZENE=7.94 ppm
* n-PROPYLBENZENE=6.33 ppm
* TOLUENE=6.75 ppm
*+ 1,2,4-TRIMETHYLBENZENE=46.3 ppm
*+ 1,3,5-TRIMETHYLBENZENE=16.5 ppm

NOTES:

- CONFIRMATORY SOIL SAMPLES TAKEN BETWEEN MARCH 9 AND APRIL 11, 2010 FOR MARCH 2010.
- CONFIRMATORY SOIL SAMPLES TAKEN ON MARCH 27, 2016 FOR MARCH 2016.
- ALL SAMPLE RESULTS EXPRESSED IN PARTS PER MILLION (ppm).
- ALL SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
- VOC CHEMICAL COMPOUNDS AND METALS IN BOLD TYPE EXCEED NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES.
- TOTAL VOCs IN THE SUM OF DETECTED VOLATILE ORGANIC COMPOUNDS. TOTAL SVOCs IS THE SUM OF DETECTED SEMI-VOLATILE ORGANIC COMPOUNDS. TICs=TENTATIVELY IDENTIFIED COMPOUNDS.
+ = EXCEEDS PROTECTION OF GROUNDWATER STANDARDS
* = EXCEEDS PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- THE SOIL SAMPLE RESULTS POSTED REPRESENT LEVELS AND EXCEEDANCES DETECTED IN CONFIRMATORY SOIL SAMPLES THAT REMAIN AT THE SITE AT THE TIME THE FINAL ENGINEERING REPORT WAS CERTIFIED.



EAST MAIN STREET



SCALE BAR
1" = 40'

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REMAINING SOIL SAMPLE LEVELS & EXCEEDANCES

Drawing Number:

FIGURE 11

- LEGEND**
- BOTTOM CONFIRMATORY SOIL SAMPLE
 - ▲ S-4 CONFIRMATORY SHALLOW SOIL SAMPLE FROM AREA 1A AND AREA 1B
 - ▲ NW SIDEWALL CONFIRMATORY SOIL SAMPLE FROM THE SIDEWALL OF AREAS 2, 3 AND 4.
 - NE-SW-1 MARCH 2016 CONFIRMATORY SOIL SAMPLE (NE=NORTHEAST, SW=SIDEWALL, BOT=BOTTOM)
 - ▨ APPROXIMATE AREAS OF SOIL REMOVAL MARCH 2010
 - ▩ APPROXIMATE AREAS OF SOIL REMOVAL MARCH 2016
 - ⊕ MW MONITORING WELL
 - ⊗ GV GAS VALVE
 - ⊗ HYD HYDRANT
 - ⊗ WV WATER VALVE
 - ⊗ WS WATER SERVICE
 - ⊗ UP POWER POLE
 - ⊗ GW GUY WIRE
 - ⊗ LP LIGHT POLE
 - ⊗ UV UNKNOWN VALVE
 - ⊗ MH UNKNOWN MANHOLE
 - ⊗ GM GAS METER
 - ⊗ BOL BOLLARD
 - PROPERTY LINE

MARCH 2016 EXCAVATION AREA

E-SW-2 MERCURY=0.0187 ppm
SE-SW-3 TOLUENE=0.00262 ppm 1,2,4-TRIMETHYLBENZENE=0.00323 ppm XYLENES=0.00286 ppm MERCURY=0.0258 ppm
SW-SW-7 MEK (2-BUTANONE)=0.025 ppm TOLUENE=0.00672 ppm XYLENES=0.00574 ppm
NW-SW-8 TOLUENE=0.0030 ppm XYLENES=0.00237 ppm BENZ(a)ANTHRACENE=0.232 ppm CHRYSENE=0.224 ppm FLUORANTHENE=0.484 ppm BENZO(b)FLUORANTHENE=0.223 ppm BENZO(k)FLUORANTHENE=0.179 ppm PHENANTHRENE=0.295 ppm PYRENE=0.378 ppm BENZO(a)PYRENE=0.209 ppm
BOT-2 1,3,5-TRIMETHYLBENZENE=0.0158 ppm

MARCH 2010 AREA 1A

S-1 BENZ(a)ANTHRACENE=0.188 ppm CHRYSENE=0.195 ppm FLUORANTHENE=0.464 ppm PHENANTHRENE=0.256 ppm PYRENE=0.377 ppm
S-2 FLUORANTHENE=0.302 ppm PHENANTHRENE=0.172 ppm PYRENE=0.256 ppm

MARCH 2010 AREA 1B

S-9 FLUORANTHENE=0.163 ppm
S-11 FLUORANTHENE=0.221 ppm PYRENE=0.201 ppm
S-12 FLUORANTHENE=0.261 ppm PYRENE=0.213 ppm
S-14 FLUORANTHENE=0.180 ppm
S-15 BENZ(a)ANTHRACENE=0.166 ppm BENZO(b)FLUORANTHENE=0.184 ppm CHRYSENE=0.184 ppm FLUORANTHENE=0.358 ppm PYRENE=0.303 ppm

MARCH 2010 AREA 2

BOTTOM FLOOR DRAIN ETHYLBENZENE=0.725 ppm n-PROPYLBENZENE=0.753 ppm sec-BUTYLBENZENE=0.306 ppm *+ 1,2,4-TRIMETHYLBENZENE=4.2 ppm + 1,3,5-TRIMETHYLBENZENE=0.838 ppm + XYLENE=1.832 ppm
E-SIDEWALL ETHYLBENZENE=0.322 ppm n-PROPYLBENZENE=0.426 ppm sec-BUTYLBENZENE=0.264 ppm *+ 1,2,4-TRIMETHYLBENZENE=2.77 ppm * 1,3,5-TRIMETHYLBENZENE=0.582 ppm * XYLENE=0.918 ppm NAPHTHALENE=1.370 ppm

- REMAINING SOILS WITH POTENTIAL FOR VOC, SVOC AND METALS IMPACTS FROM APPROXIMATELY 8 TO 15 FEET BELOW GROUND SURFACE.
- REMAINING SOILS WITH POTENTIAL FOR VOC, SVOC AND METALS IMPACTS FROM APPROXIMATELY 4 TO 8 FEET BELOW GROUND SURFACE.
- REMAINING SOILS THAT COMPLY WITH COMMERCIAL USE SCO LEVELS.

MARCH 2010 AREA 3

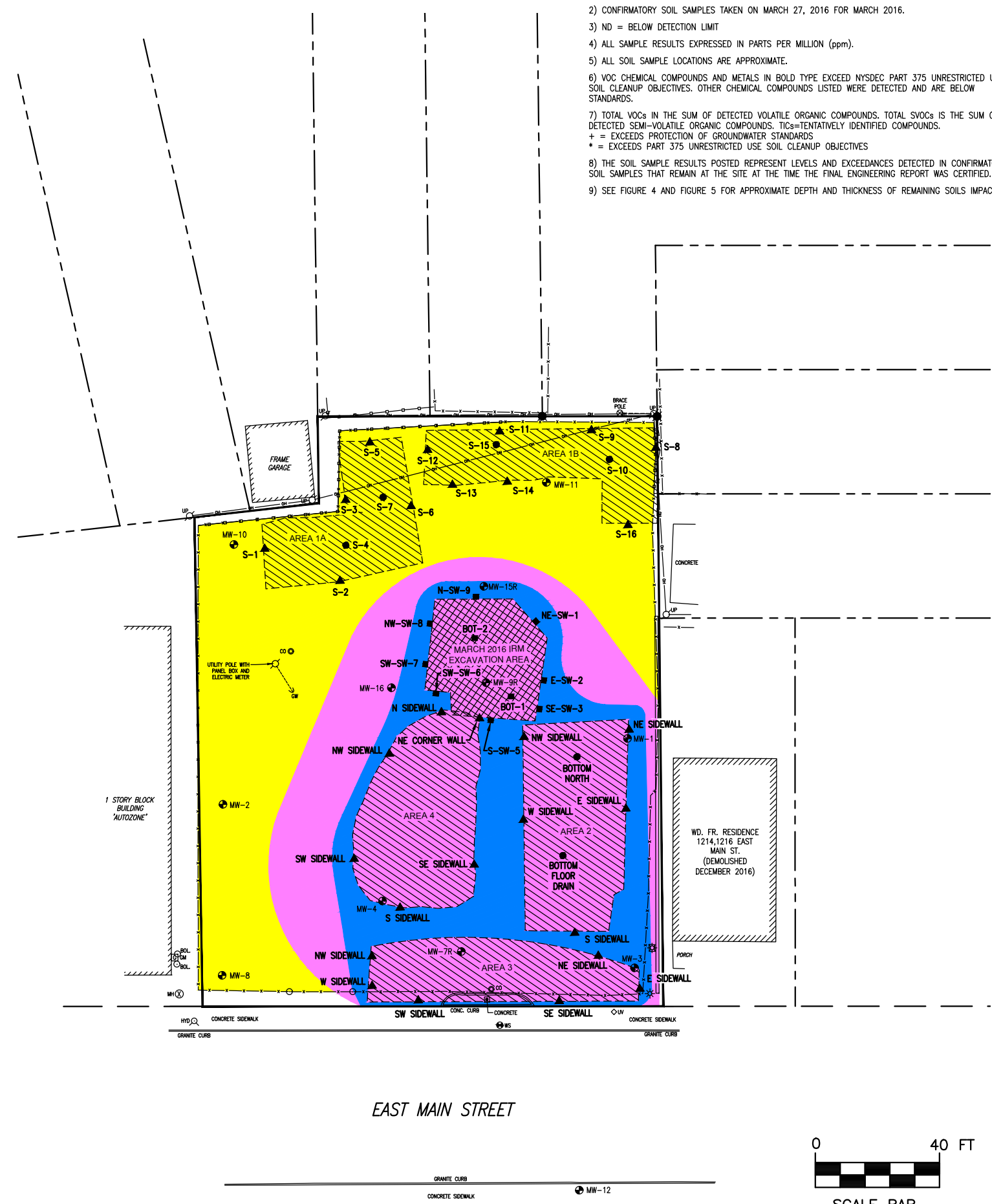
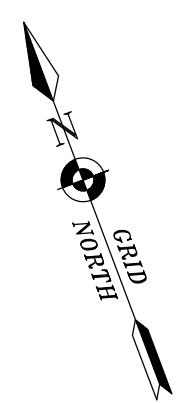
E-SIDEWALL 1,2,4-TRIMETHYLBENZENE=0.00262 ppm XYLENE=0.00325 ppm
SE-SIDEWALL ETHYLBENZENE=0.725 ppm
NW-SIDEWALL *+ ETHYLBENZENE=19.9 ppm *+ n-PROPYLBENZENE=17.1 ppm sec-BUTYLBENZENE=2.17 ppm *+ TOLUENE=9.58 ppm *+ 1,2,4-TRIMETHYLBENZENE=81.8 ppm *+ 1,3,5-TRIMETHYLBENZENE=30.6 ppm *+ XYLENE=108.3 ppm
W-SIDEWALL ETHYLBENZENE=0.00363 ppm TOLUENE=0.00385 ppm 1,2,4-TRIMETHYLBENZENE=0.0541 ppm 1,3,5-TRIMETHYLBENZENE=0.0213 ppm XYLENE=0.0146 ppm

MARCH 2010 AREA 4

SE-SIDEWALL ETHYLBENZENE=0.0623 ppm n-PROPYLBENZENE=0.0754 ppm 1,2,4-TRIMETHYLBENZENE=0.795 ppm 1,3,5-TRIMETHYLBENZENE=0.0243 ppm XYLENE=0.179 ppm
NE CORNER WALL 1,3,5-TRIMETHYLBENZENE=0.00235 ppm
S-SIDEWALL * LEAD=83.2 ppm * ETHYLBENZENE=7.94 ppm * n-PROPYLBENZENE=6.33 ppm sec-BUTYLBENZENE=0.786 ppm * TOLUENE=6.75 ppm *+ 1,2,4-TRIMETHYLBENZENE=46.3 ppm *+ 1,3,5-TRIMETHYLBENZENE=16.5 ppm XYLENE=69.9 ppm BENZO(b)FLUORANTHENE=0.175 ppm FLUORANTHENE=0.256 ppm NAPHTHALENE=2.0 ppm PHENANTHRENE=0.207 ppm PYRENE=0.211 ppm

NOTES:

- 1) CONFIRMATORY SOIL SAMPLES TAKEN BETWEEN MARCH 9 AND APRIL 11, 2010 FOR MARCH 2010.
- 2) CONFIRMATORY SOIL SAMPLES TAKEN ON MARCH 27, 2016 FOR MARCH 2016.
- 3) ND = BELOW DETECTION LIMIT
- 4) ALL SAMPLE RESULTS EXPRESSED IN PARTS PER MILLION (ppm).
- 5) ALL SOIL SAMPLE LOCATIONS ARE APPROXIMATE.
- 6) VOC CHEMICAL COMPOUNDS AND METALS IN BOLD TYPE EXCEED NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES. OTHER CHEMICAL COMPOUNDS LISTED WERE DETECTED AND ARE BELOW STANDARDS.
- 7) TOTAL VOCs IN THE SUM OF DETECTED VOLATILE ORGANIC COMPOUNDS. TOTAL SVOCs IS THE SUM OF DETECTED SEMI-VOLATILE ORGANIC COMPOUNDS. TICs= TENTATIVELY IDENTIFIED COMPOUNDS.
+ = EXCEEDS PROTECTION OF GROUNDWATER STANDARDS
* = EXCEEDS PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- 8) THE SOIL SAMPLE RESULTS POSTED REPRESENT LEVELS AND EXCEEDANCES DETECTED IN CONFIRMATORY SOIL SAMPLES THAT REMAIN AT THE SITE AT THE TIME THE FINAL ENGINEERING REPORT WAS CERTIFIED.
- 9) SEE FIGURE 4 AND FIGURE 5 FOR APPROXIMATE DEPTH AND THICKNESS OF REMAINING SOILS IMPACTS.



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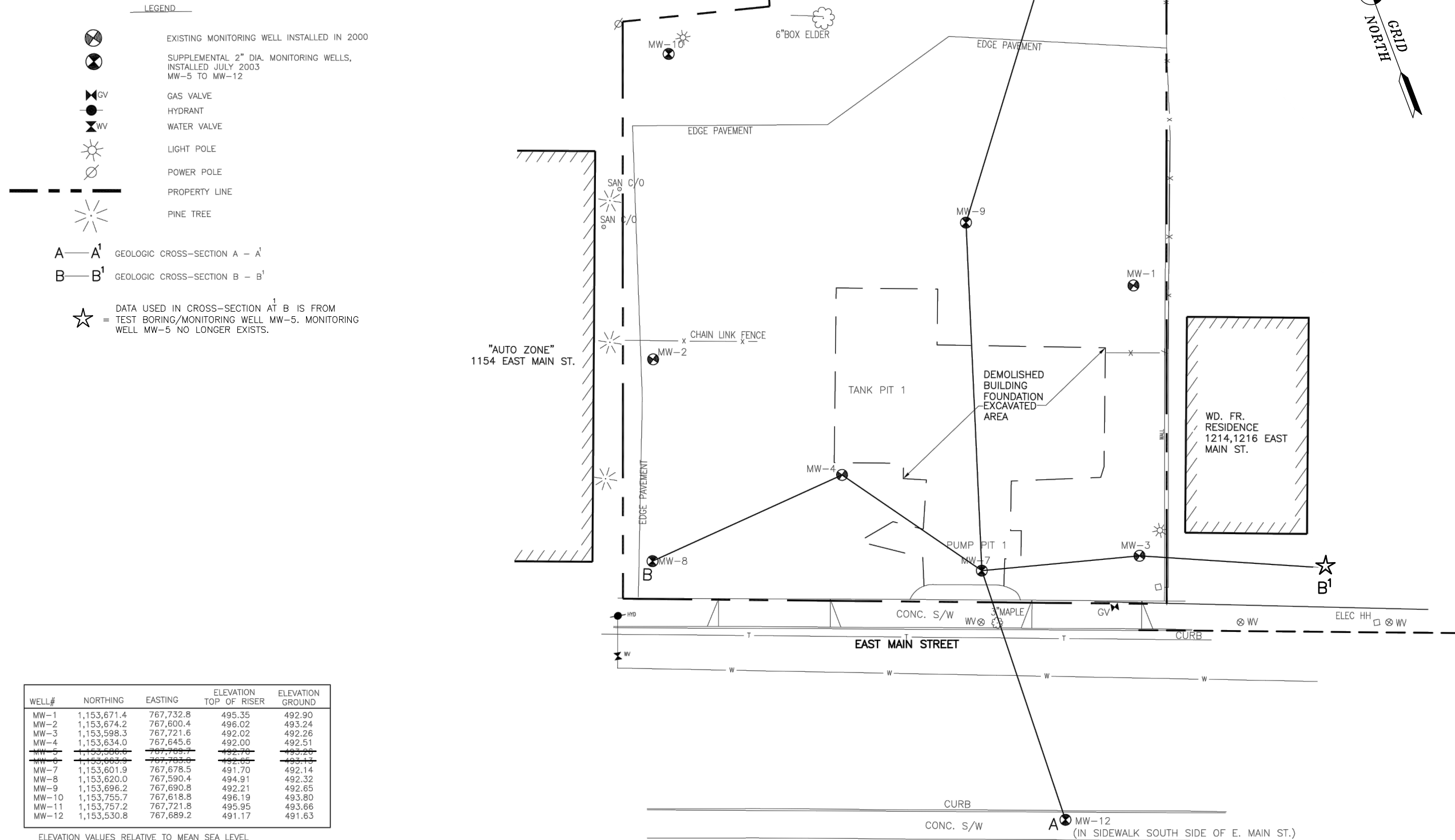
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Education Law Article 145, Section 7209.

Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By:	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

GEOLOGIC CROSS-SECTIONS LOCATION MAP

Drawing Number:

FIGURE 12



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 12.dwg

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604

office: 585.232.5135
fax: 585.232.4652

www.bergmannpc.com

REVISIONS			
NO.	DATE	DESCRIPTION	REV.

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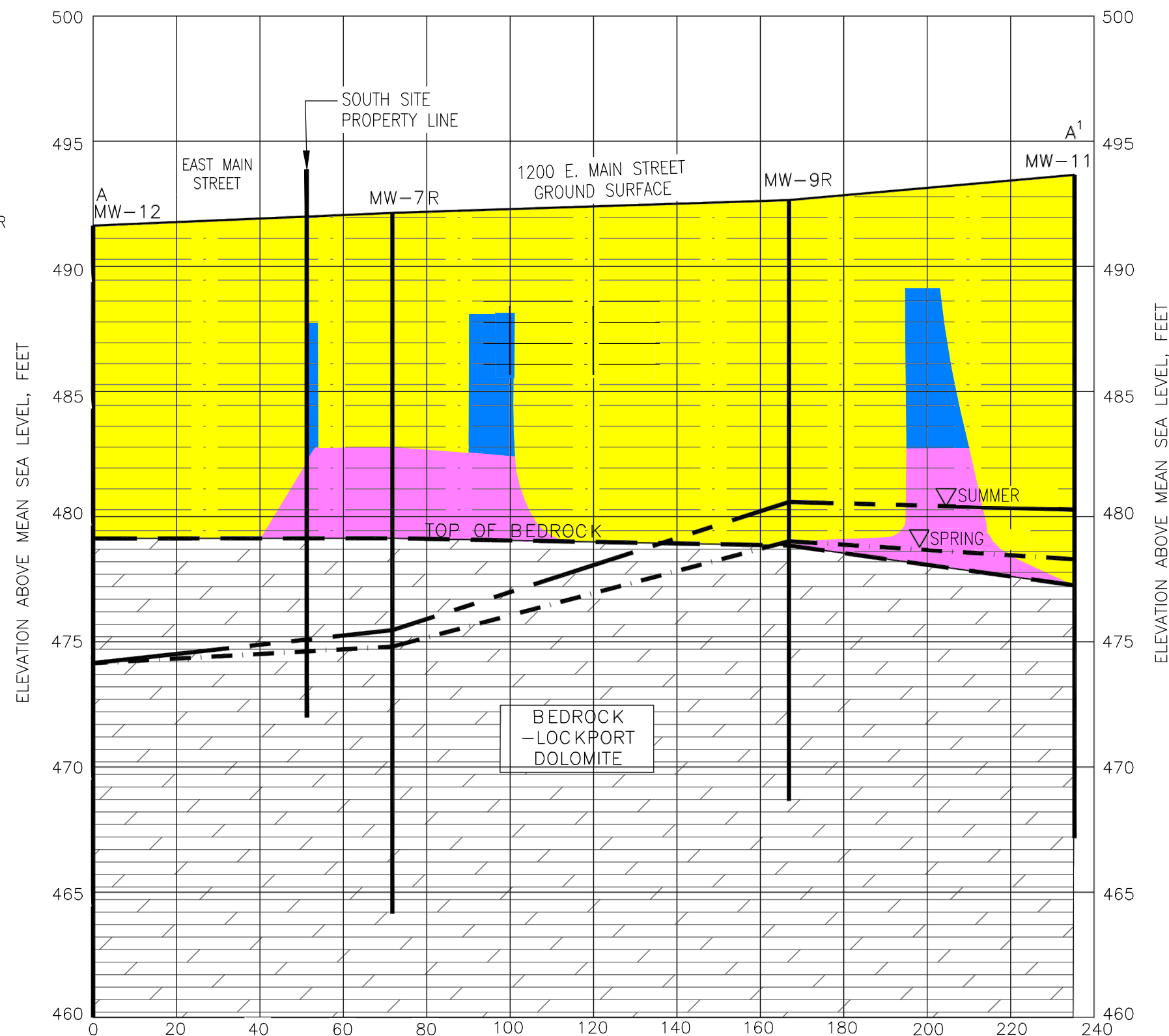
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Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By: C. WOOD	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

REMAINING SOIL CONTAMINATION VERTICAL VIEW CROSS SECTION A - A¹

Drawing Number:

FIGURE 13



CROSS SECTION A - A¹

SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL

LEGEND

- AVERAGE WATER TABLE SURFACE, SPRING
- AVERAGE WATER TABLE SURFACE, SUMMER
- TOP OF BEDROCK
- MONITORING WELL NUMBER
- OVERBURDEN DEPOSITS - GLACIAL TILL
- COMPENTENT BEDROCK

ALL LOCATIONS AND THICKNESS OF SOILS ARE APPROXIMATE.

- REMAINING SOILS WITH POTENTIAL FOR VOC, SVOC AND METALS IMPACTS FROM APPROXIMATELY ELEVATION 477 TO 482. (5-FOOT THICKNESS)
- REMAINING SOILS WITH POTENTIAL FOR VOC, SVOC AND METALS IMPACTS FROM APPROXIMATELY ELEVATION 482 TO 489. (7-FOOT THICKNESS)
- REMAINING SOILS THAT COMPLY WITH COMMERCIAL USE SCO LEVELS.

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
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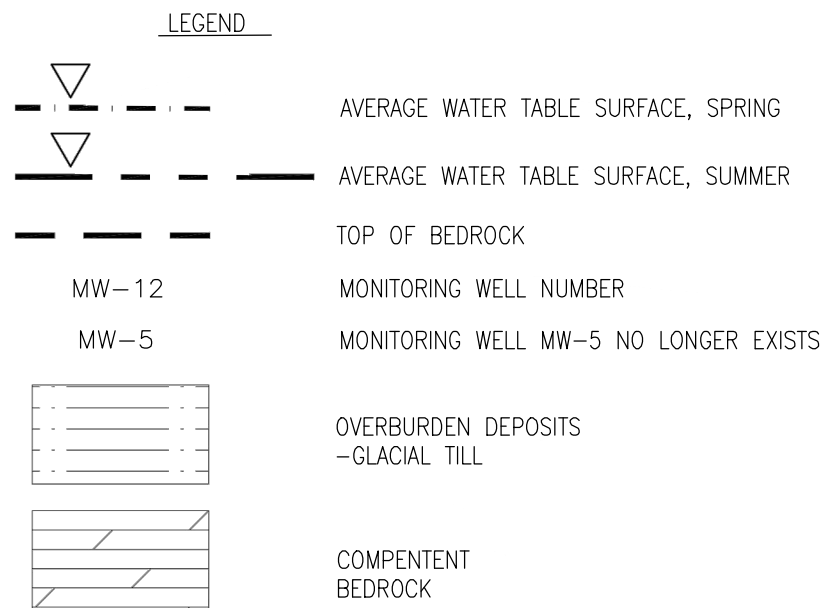
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Education Law Article 145, Section 7209.

Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By: C. WOOD	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

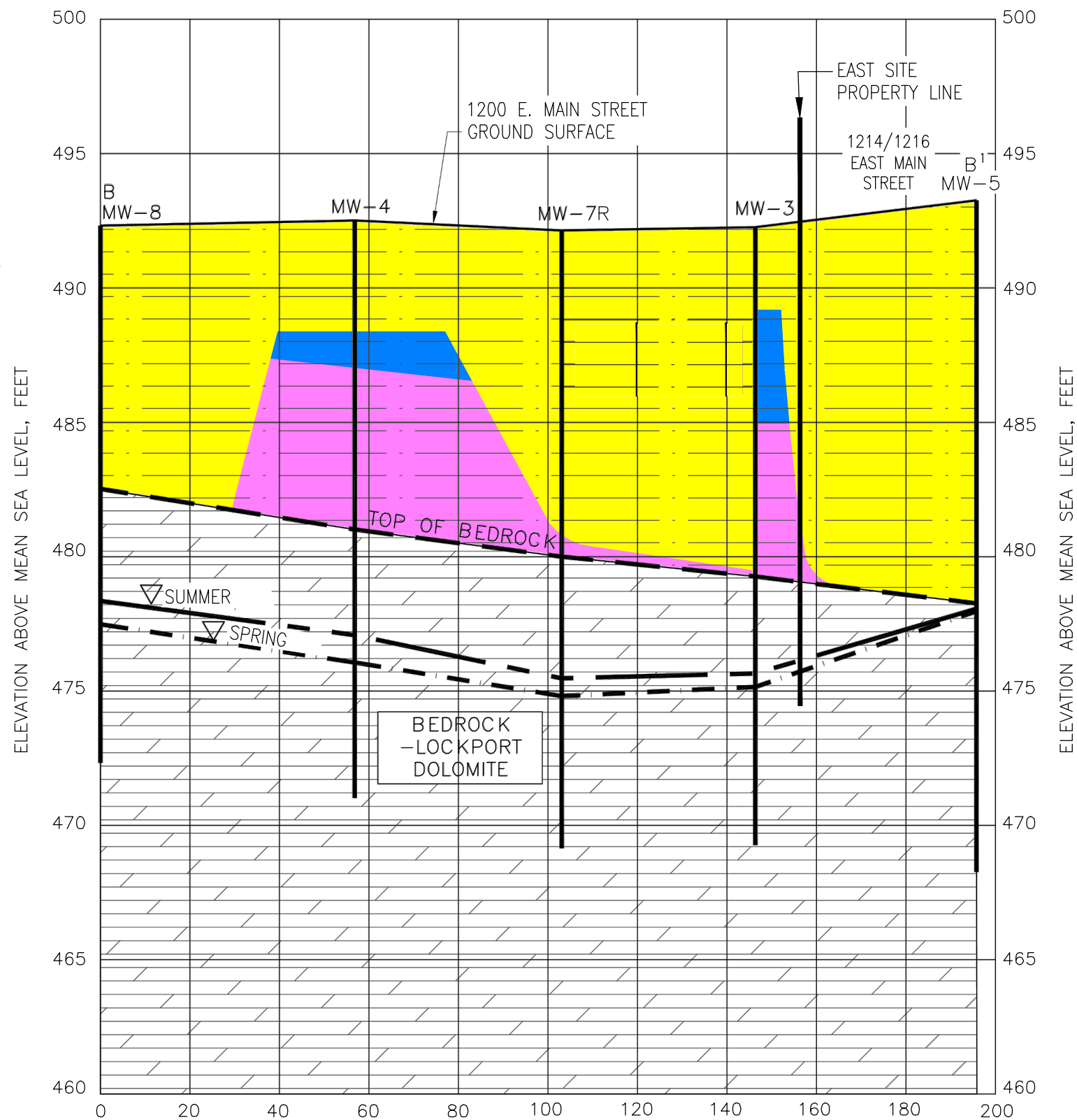
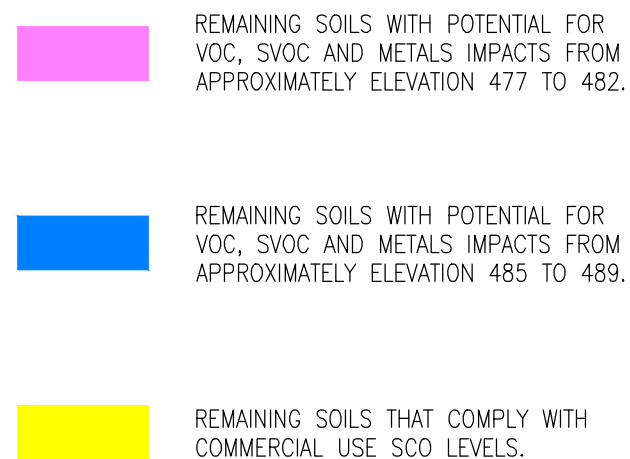
REMAINING SOIL CONTAMINATION VERTICAL VIEW CROSS SECTION B - B¹

Drawing Number:

FIGURE 14



ALL LOCATIONS ARE APPROXIMATE.



CROSS SECTION B - B¹

SCALE: 1" = 30' HORIZONTAL
1" = 5' VERTICAL

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



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Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By: C. WOOD	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

REMAINING GROUNDWATER SAMPLE LEVELS & EXCEEDANCES

Drawing Number:

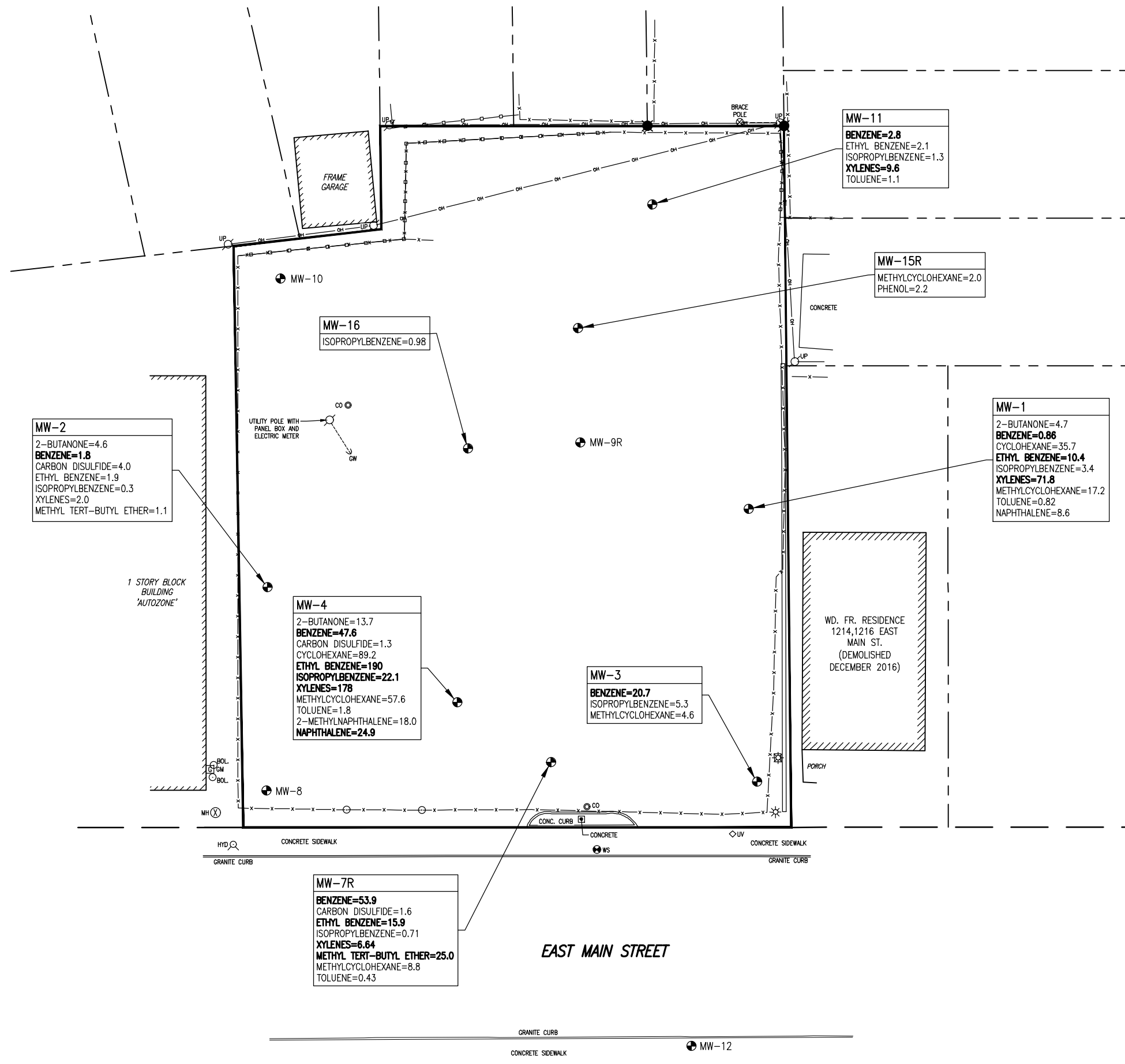
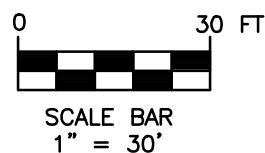
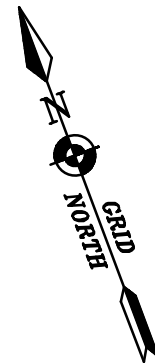
FIGURE 15

LEGEND

	MONITORING WELL
	GAS VALVE
	HYDRANT
	WATER VALVE
	WATER SERVICE
	POWER POLE
	GUY WIRE
	LIGHT POLE
	UNKNOWN VALVE
	UNKNOWN MANHOLE
	GAS METER
	BOLLARD
	PROPERTY LINE

NOTES:

- 1) ND = BELOW DETECTION LIMIT
- 2) ALL VOLATILE CHEMICAL COMPOUNDS (VOCs), SEMI-VOCs AND METALS SAMPLE RESULTS ARE EXPRESSED IN PARTS PER BILLION (ppb).
- 3) VOC CHEMICAL COMPOUNDS IN BOLD TYPE EXCEED NYSDEC PART 703.5 GROUNDWATER STANDARDS AND NYSDEC T.O.G.S.1.1.1 STANDARDS. OTHER VOC/SVOC CHEMICAL COMPOUNDS AND METALS LISTED WERE DETECTED AND ARE BELOW STANDARDS ON THE DATE OF SAMPLE COLLECTION (NOVEMBER 8, 2016).



CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



Bergmann Associates, Architects, Engineers,
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Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By:	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

AREA OF SOIL VAPOR CONCERN

Drawing Number:

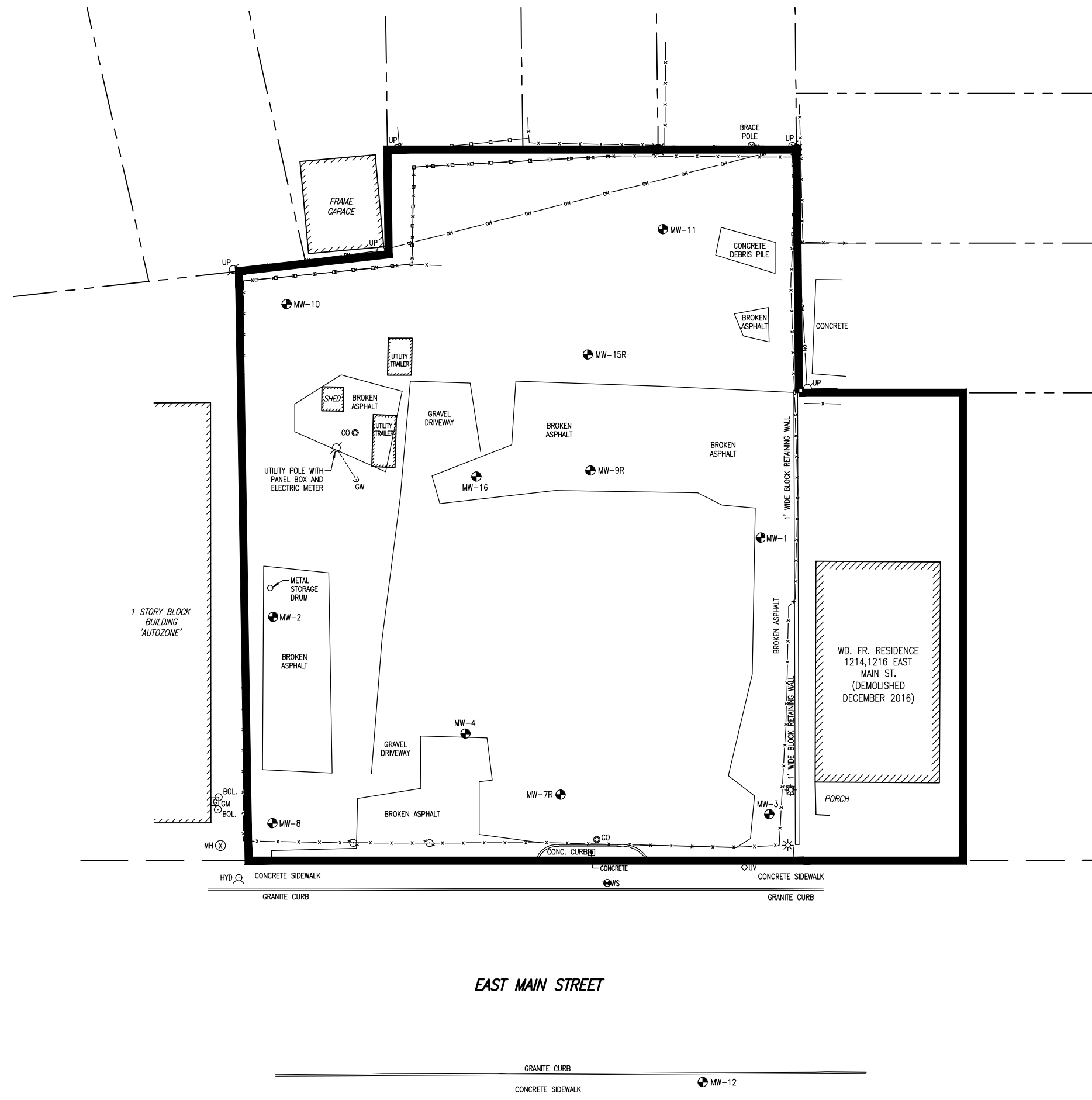
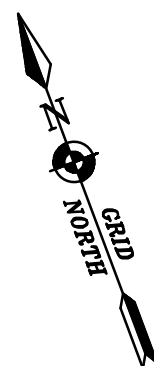
FIGURE 16

LEGEND

⊕ MW	MONITORING WELL
⊗ GV	GAS VALVE
⊗ HYD	HYDRANT
⊗ WV	WATER VALVE
⊕ WS	WATER SERVICE
⊕ UP	POWER POLE
GW ←---	GUY WIRE
☼	LIGHT POLE
◇ UV	UNKNOWN VALVE
⊗ MH	UNKNOWN MANHOLE
⊗ GM	GAS METER
○ BOL	BOLLARD
—————	AREA OF SOIL VAPOR CONCERN

NOTES:

- 1) THE ENTIRE PROPERTY AT 1200 EAST MAIN STREET IS AN AREA OF VAPOR CONCERN.
- 2) THE FORMER RESIDENCE AT 1214 AND 1216 EAST MAIN STREET WAS DEMOLISHED IN DECEMBER 2016. THIS PROPERTY IS ALSO AN AREA OF VAPOR CONCERN. SEE SMP FOR FURTHER DETAILS.
- 3) SEE SITE MANAGEMENT PLAN (SMP) AND ENVIRONMENTAL EASEMENT FOR FURTHER DETAILS.



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER Figures\Figure 16.dwg

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-8



Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C.
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Rochester, NY 14604

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Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By:	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

ENGINEERING CONTROLS LOCATION

Drawing Number:

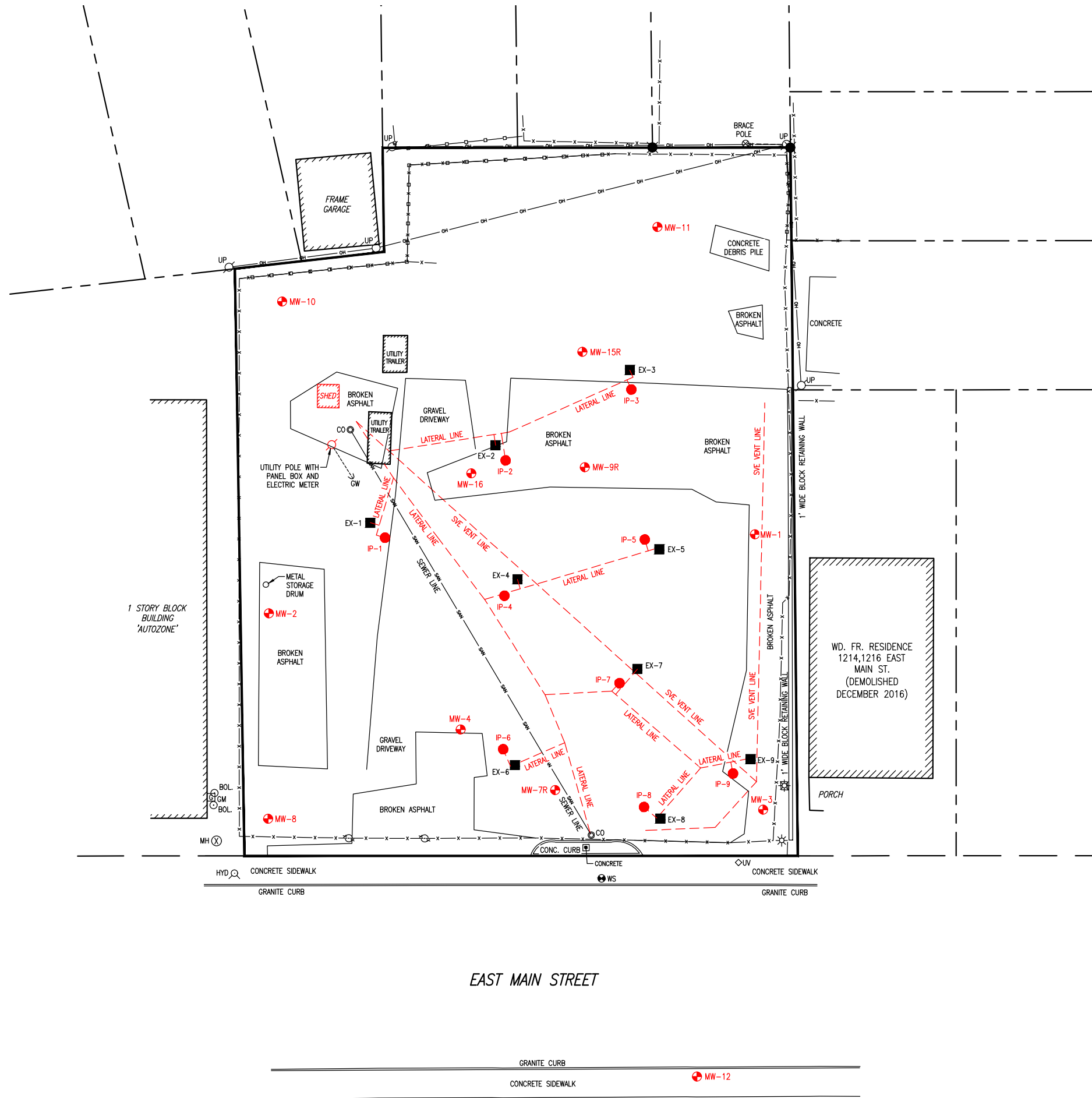
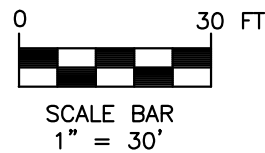
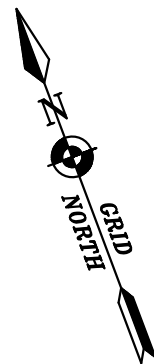
FIGURE 17

LEGEND

■ EX-1	VEGE SYSTEM EXTRACTION WELL
● IP-1	O ₂ SYSTEM INJECTION POINT
⊕ MW	MONITORING WELL
⊗ GV	GAS VALVE
⊙ HYD	HYDRANT
⊕ WW	WATER VALVE
⊕ WS	WATER SERVICE
⊕ UP	POWER POLE
GW ←---	GUY WIRE
⊙	LIGHT POLE
◇ UV	UNKNOWN VALVE
⊗ MH	UNKNOWN MANHOLE
⊕ GM	GAS METER
⊙ BOL	BOLLARD
---	PROPERTY LINE

NOTES:

- 1) THE RED HIGHLIGHTED AREAS FOR THE OXYGEN INJECTION SYSTEM, EQUIPMENT SHED, SOIL VAPOR EXTRACTION SYSTEM, MONITORING WELLS AND ELECTRIC UTILITY POLE ARE THE ENGINEERING CONTROLS (EC). THESE EC TO REMAIN AFTER DECEMBER 31, 2016. NYSDEC APPROVAL REQUIRED FOR REMOVAL OF EC.
- 2) SEE SITE MANAGEMENT PLAN (SMP) AND ENVIRONMENTAL EASEMENT FOR FURTHER DETAILS AND DESCRIPTIONS OF ENGINEERING CONTROLS AT THE SITE.
- 3) VEGE SYSTEM UNDERGROUND LINES AND SEWER LATERAL TO BE ABANDONED IN-PLACE. VEGE EXTRACTION WELLS TO BE ABANDONED PER NYSDEC CP-43 GUIDANCE.



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 17.dwg

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY
14614

FINAL ENGINEERING REPORT NYSDEC SITE NUMBER B-00129-B



Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604

office: 585.232.5135
fax: 585.232.4652

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Project Manager: S. DEMEO	Checked By: S. DEMEO
Designed By:	Drawn By: C. WOOD
Date Issued: 04/10/2018	Scale: 1" = 30'
Project Number: 4453.05	

INSTITUTIONAL CONTROL BOUNDARIES

Drawing Number:

FIGURE 18

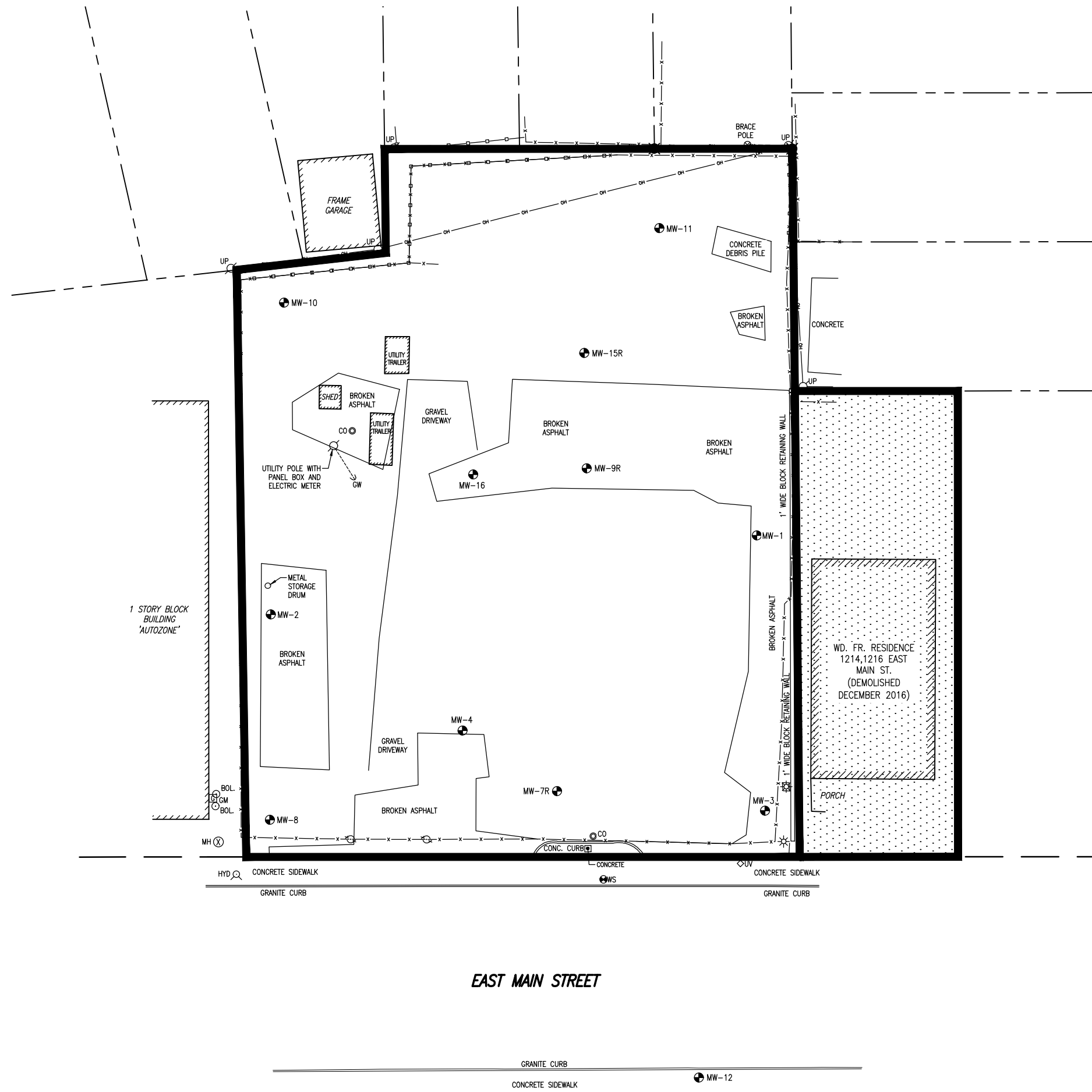
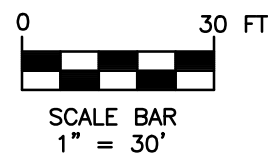
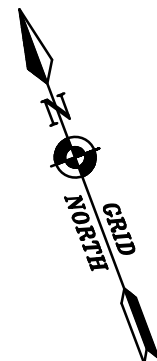
LEGEND

- MW MONITORING WELL
- GV GAS VALVE
- HYD HYDRANT
- WV WATER VALVE
- WS WATER SERVICE
- UP POWER POLE
- GW GUY WIRE
- Light Pole
- UV UNKNOWN VALVE
- MH UNKNOWN MANHOLE
- GM GAS METER
- BOL BOLLARD
- INSTITUTIONAL CONTROL BOUNDARIES

PARCEL IS FLAGGED IN CITY OF ROCHESTER BUILDING INFORMATION SYSTEM.

NOTES:

- THE ENTIRE PROPERTY AT 1200 EAST MAIN STREET IS SUBJECT TO INSTITUTIONAL CONTROLS.
- SEE SITE MANAGEMENT PLAN AND ENVIRONMENTAL EASEMENT FOR FURTHER DETAILS.



I:\City of Rochester\004453.05 CITY OF ROCHESTER\1200 E MAIN ST ERP - C303409\3.0 Design\3.8 Reports\Final FER June 2017\2 FINAL FER Figures\FIGURE 18.dwg

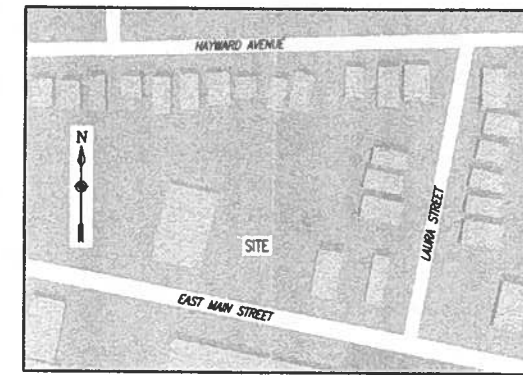


APPENDICES



APPENDIX 1
SURVEY MAP, METES, and BOUNDS

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@dec.ny.gov



SITE LOCATION MAP
NOT TO SCALE

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY 14609

Bergmann associates
architects // engineers // planners

28 East Main Street
200 First Federal Plaza
Rochester, New York 14614-1909

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fax: 585.232.4652

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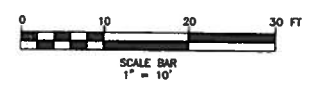
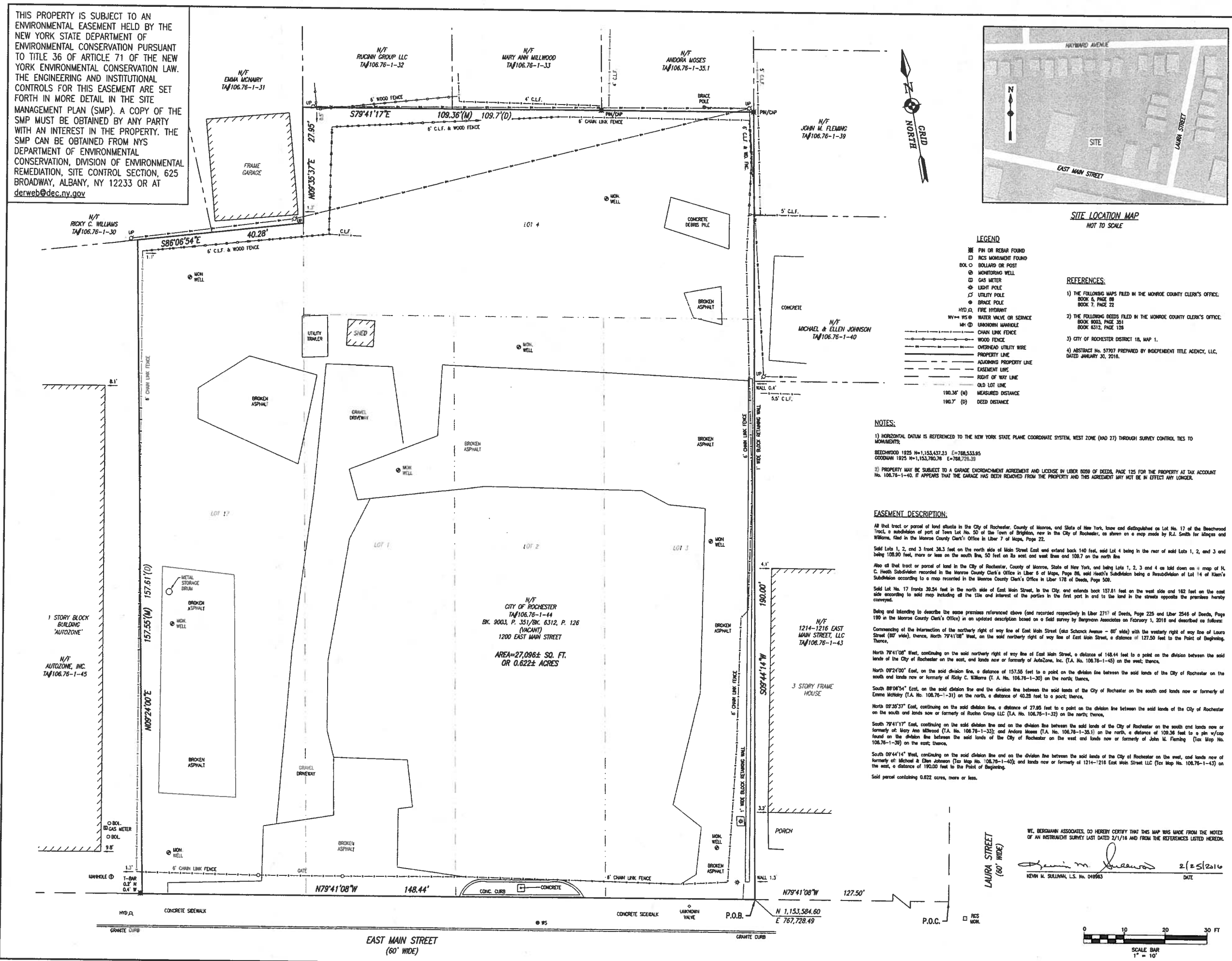
EASEMENT TO N.Y.S.D.E.C.

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Project Manager: **K. SULLIVAN**
Designed by: **G. WOOD**
Checked by: **K. SULLIVAN**
Date Issued: **FEBRUARY 1, 2016**
Scale: **1" = 10'**

Project Number: **4453.05**
File Name: **156City of Rochester\004453.05\4.04.15**
Drawing Number: **ISM-01**

ISM-01





APPENDIX 2
DIGITAL COPY OF FER (CD)



APPENDIX 3
ENVIRONMENTAL EASEMENT



June 28, 2016

Andrew Gugliemi, Esq.
New York State Department of Environmental Conservation
Office of General Counsel
625 Broadway, 14th Floor
Albany, New York 12233-1500

Re: City of Rochester – 1200 East Main Street, Rochester, NY 14609
Environmental Easement
NYSDEC Site No. B00129-8
State Assistance Contract No. C303

Dear Mr. Gugliemi:

Per your request, please find enclosed a copy of the recorded easement marked by the County Clerk's Office with the date and location of the recording as well as a certified copy of the municipal notice, for the above referenced site.

If any additional documentation is required, or if you have any questions or comments regarding this matter, please do not hesitate to contact me.

Very truly yours,

Jane MH Forbes
Environmental Specialist

City of Rochester
Division of Environmental Quality
30 Church Street – Room 300B
Rochester, New York 14614
(585) 428-7892
(585) 428-6010 (fax)

GAENVQUALJANE\PROJECTS\1200 EAST MAIN STREET\Cleanup 2016\Easement Docs_2016\Gugliemi-NYSDEC_Recorded_Easementtransmittal_June-28-2016.doc



SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, on the front if space permits.

Mailpiece Addressed to:

Hon. Lovely A. Warren, Mayor
City of Rochester
City Hall
30 Church Street
Rochester, New York 14614

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Handwritten Signature]

Agent

Addressee

B. Received by (Printed Name)

[Handwritten Name]

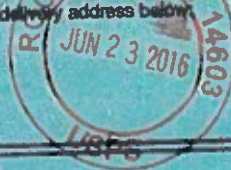
C. Date of Delivery

[Handwritten Date: 6/23/16]

D. Is delivery address different from item B? If YES, enter delivery address below

Yes

No



3. Service Type

Certified Mail

Express Mail

Registered

Return Receipt for Merchandise

Insured Mail

C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

Article Number

(transfer from service label)

7005 0390 0002 4727 1267

102595-02-44-1540

Form 3811, August 2001

UNITED STATES POSTAL SERVICE

244 144

03 JUN 16

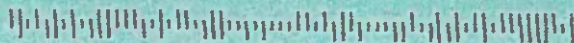


First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Department of Environmental Services
City Hall, Room 300B
30 Church Street
Rochester, New York 14614

Attn. Jane Forbes





Notice to Municipality

June 21, 2016

Hon. Lovely A. Warren, Mayor
City of Rochester
City Hall
30 Church Street
Rochester, New York 14614

Re: **Environmental Easement**

Dear Mayor Warren:

Attached please find a copy of an environmental easement granted to the New York State Department of Environmental Conservation ("Department")

On: June 1, 2016
By: the City of Rochester,
For property at: 1200 East Main Street,
Tax Map No.: 106.76-1-44,
DEC Site No: B00129-8.

This Environmental Easement restricts future use of the above-referenced property to restricted commercial or industrial uses. Any on-site activity must be done in accordance with the Environmental Easement and the Site Management Plan which is incorporated into the Environmental Easement. Department approval is also required prior to any groundwater use.

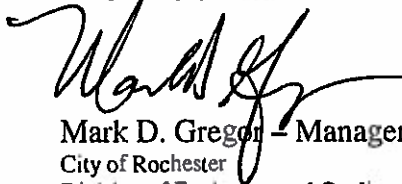
Article 71, Section 71-3607 of the New York State Environmental Conservation Law requires that:

1. Whenever the department is granted an environmental easement, it shall provide each affected local government with a copy of such easement and shall also provide a copy of any documents modifying or terminating such environmental easement.
2. Whenever an affected local government receives an application for a building permit or any other application affecting land use or development of land that is subject to an environmental easement and that may relate to or impact such easement, the affected local government shall notify the department and refer such application to the department. The department shall evaluate whether the application is consistent with the environmental easement and shall notify the affected local government of its determination in a timely fashion, considering the time frame for the local government's

review of the application. The affected local government shall not approve the application until it receives approval from the department.

An electronic version of every environmental easement that has been accepted by the Department is available to the public at: <http://www.dec.ny.gov/chemical/36045.html>. Please forward this notice to your building and/or planning departments, as applicable, to ensure your compliance with these provisions of New York State Environmental Conservation Law. If you have any questions or comments regarding this matter, please do not hesitate to contact me.

Very truly yours,



Mark D. Gregor - Manager
City of Rochester
Division of Environmental Quality
30 Church Street - Room 300B
Rochester, New York 14614
(585) 428-5978
(585) 428-6010 (fax)

MONROE COUNTY CLERK'S OFFICE

ROCHESTER, NY

THIS IS NOT A BILL. THIS IS YOUR RECEIPT

Receipt # 1422816

Index DEEDS

Book 11705 Page 44

No. Pages : 10

Instrument EASEMENT AGREEMENT

Date : 06/01/2016

Time : 03:17:55PM

Control # 201606010740

TT # TT0000017002

Ref 1 #

Employee : JoanM

Return To:
BOX 36
SCS

ROCHESTER CITY OF
MONROE COUNTY OF

ROCHESTER CITY OF
MONROE COUNTY OF

COUNTY FEE TP584	\$	5.00
COUNTY FEE NUMBER PAGES	\$	45.00
RECORDING FEE	\$	45.00
STATE FEE TRANSFER TAX	\$	0.00

Total \$ 95.00

State of New York

TRANSFER AMT

MONROE COUNTY CLERK'S OFFICE

WARNING - THIS SHEET CONSTITUTES THE CLERKS
ENDORSEMENT, REQUIRED BY SECTION 317-a(5) &
SECTION 319 OF THE REAL PROPERTY LAW OF THE
STATE OF NEW YORK. DO NOT DETACH OR REMOVE.

TRANSFER AMT

\$1.00

ADAM J BELLO
MONROE COUNTY CLERK



9
2

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

THIS INDENTURE made this 25th day of MARCH, 2016, between Owner(s) City of Rochester, having an office at 30 Church Street, Rochester, New York 14614-1290, County of Monroe, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

Box 36 SCS

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

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

RECORDED
2016 JUN 11 11:31

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

WHEREAS, Grantor, is the owner of real property located at the address of 1200 E. Main Street in the City of Rochester, County of Monroe and State of New York, known and designated on the tax map of the County Clerk of Monroe as tax map parcel numbers: Section 106.76 Block 1 Lot 44, being the same as that property conveyed to Grantor by deed dated April 29, 1998 and recorded in the Monroe County Clerk's Office in Liber and Page 09003/0351. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.622 +/- acres, and is hereinafter more fully described in the Land Title Survey dated February 1, 2016 prepared by Kevin M. Sullivan, L.S., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

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

NOW THEREFORE, in consideration of the mutual covenants contained herein and the

terms and conditions of State Assistance Contract Number: C303409, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

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

2. **Institutional and Engineering Controls.** The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Monroe County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

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

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

F. Grantor covenants and agrees that this Environmental Easement shall be

incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

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

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

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

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

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

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

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

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

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to: Site Number: B00129
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to: Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

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

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

by Article 9 of the Real Property Law.

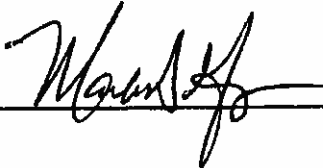
8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated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

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

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

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

CITY OF ROCHESTER:

By: 


Print Name: MARK D GREGOR

Title: MANAGER DEQ Date: 2-26-2016

Grantor's Acknowledgment


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

On the 26th day of February, in the year 2016, before me, the undersigned, personally appeared Mark D. Gregor, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.


Notary Public - State of New York

VICKI BRAWN
Notary Public in the State of New York
MONROE COUNTY
Commission Expires August 18, 2018
01BR4868858

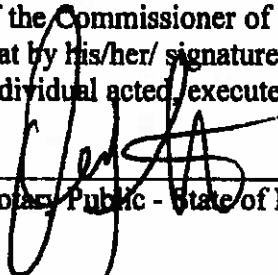
THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner.

By: 
Robert W. Schick, Director
Division of Environmental Remediation

Grantee's Acknowledgment

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

On the 25th day of March, in the year 2016, before me, the undersigned, personally appeared Robert W. Schick, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted/ executed the instrument.


Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5082146
Qualified in Schenectady County
Commission Expires August 22, 2018

SCHEDULE "A" PROPERTY DESCRIPTION

All that tract or parcel of land situate in the City of Rochester, County of Monroe, and State of New York, know and distinguished as Lot No. 17 of the Beechwood Tract, a subdivision of part of Town Lot No. 50 of the Town of Brighton, now in the City of Rochester, as shown on a map made by R.J. Smith for Minges and Williams, filed in the Monroe County Clerk's Office in Liber 7 of Maps, Page 22.

Said Lots 1, 2, and 3 front 36.3 feet on the north side of Main Street East and extend back 140 feet, said Lot 4 being in the rear of said Lots 1, 2, and 3 and being 108.90 feet, more or less on the south line, 50 feet on its east and west lines and 109.7 on the north line

Also all that tract or parcel of land in the City of Rochester, County of Monroe, State of New York, and being Lots 1, 2, 3 and 4 as laid down on a map of H. C. Heath Subdivision recorded in the Monroe County Clerk's Office in Liber 6 of Maps, Page 86, said Heath's Subdivision being a Resubdivision of Lot 14 of Klem's Subdivision according to a map recorded in the Monroe County Clerk's Office in Liber 178 of Deeds, Page 509.

Said Lot No. 17 fronts 39.54 feet in the north side of East Main Street, in the City, and extends back 157.61 feet on the west side and 162 feet on the east side according to said map including all the title and interest of the parties in the first part in and to the land in the streets opposite the premises hereby conveyed.

Being and Intending to describe the same premises referenced above (and recorded respectively in Liber 2717 of Deeds, Page 225 and Liber 2546 of Deeds, Page 190 in the Monroe County Clerk's Office) in an updated description based on a field survey by Bergmann Associates on February 1, 2016 and described as follows:

Commencing at the intersection of the northerly right of way line of East Main Street (aka Schanck Avenue - 60' wide) with the westerly right of way line of Laura Street (60' wide), thence, North 79°41'08" West, on the said northerly right of way line of East Main Street, a distance of 127.50 feet to the Point of Beginning. Thence,

North 79°41'08" West, continuing on the said northerly right of way line of East Main Street, a distance of 148.44 feet to a point on the division between the said lands of the City of Rochester on the east, and lands now or formerly of AutoZone, Inc. (T.A. No. 106.76-1-45) on the west; thence,

North 09°24'00" East, on the said division line, a distance of 157.55 feet to a point on the division line between the said lands of the City of Rochester on the south and lands now or formerly of Ricky C. Williams (T. A. No. 106.76-1-30) on the north; thence,

South 86°06'54" East, on the said division line and the division line between the said lands of the City of Rochester on the south and lands now or formerly of Emma McNairy (T.A. No. 106.76-1-31) on the north, a distance of 40.28 feet to a point; thence,

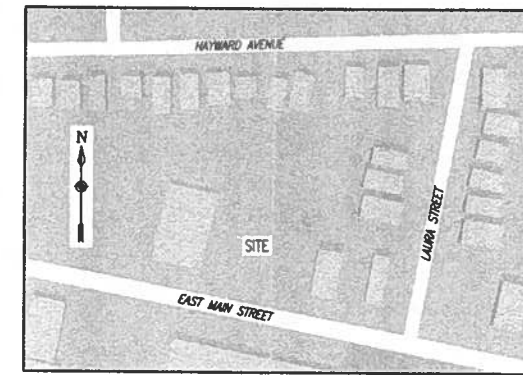
North 09°35'37" East, continuing on the said division line, a distance of 27.95 feet to a point on the division line between the said lands of the City of Rochester on the south and lands now or formerly of Rucinn Group LLC (T.A. No. 106.76-1-32) on the north; thence,

South 79°41'17" East, continuing on the said division line and on the division line between the said lands of the City of Rochester on the south and lands now or formerly of: Mary Ann Millwood (T.A. No. 106.76-1-33); and Andora Moses (T.A. No. 106.76-1-35.1) on the north, a distance of 109.36 feet to a pin w/cap found on the division line between the said lands of the City of Rochester on the west and lands now or formerly of John M. Fleming (Tax Map No. 106.76-1-39) on the east; thence,

South 09°44'14" West, continuing on the said division line and on the division line between the said lands of the City of Rochester on the west, and lands now of formerly of: Michael & Ellen Johnson (Tax Map No. 106.76-1-40); and lands now or formerly of 1214-1216 East Main Street LLC (Tax Map No. 106.76-1-43) on the east, a distance of 190.00 feet to the Point of Beginning.

Said parcel containing 0.622 acres, more or less, as shown on a map prepared by Bergmann Associates entitled "Instrument Survey 1200 East Main Street", Project No. 4453.05, Drawing No. ISM-01, dated February 1, 2016.

THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL EASEMENT HELD BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PURSUANT TO TITLE 36 OF ARTICLE 71 OF THE NEW YORK ENVIRONMENTAL CONSERVATION LAW. THE ENGINEERING AND INSTITUTIONAL CONTROLS FOR THIS EASEMENT ARE SET FORTH IN MORE DETAIL IN THE SITE MANAGEMENT PLAN (SMP). A COPY OF THE SMP MUST BE OBTAINED BY ANY PARTY WITH AN INTEREST IN THE PROPERTY. THE SMP CAN BE OBTAINED FROM NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DIVISION OF ENVIRONMENTAL REMEDIATION, SITE CONTROL SECTION, 625 BROADWAY, ALBANY, NY 12233 OR AT derweb@dec.ny.gov



SITE LOCATION MAP
NOT TO SCALE

- LEGEND**
- PIN OR REBAR FOUND
 - P.C.S. MONUMENT FOUND
 - BOLLARD OR POST
 - ⊙ MONITORING WELL
 - ⊕ GAS METER
 - ⊕ LIGHT POLE
 - ⊕ UTILITY POLE
 - ⊕ BRACE POLE
 - ⊕ FIRE HYDRANT
 - ⊕ WATER VALVE OR SERVICE
 - ⊕ UNKNOWN MANHOLE
 - CHAIN LINK FENCE
 - WOOD FENCE
 - OVERHEAD UTILITY WIRE
 - PROPERTY LINE
 - ADJOINING PROPERTY LINE
 - EASEMENT LINE
 - RIGHT OF WAY LINE
 - OLD LOT LINE
 - 190.36' (M) MEASURED DISTANCE
 - 190.7' (D) DEED DISTANCE

REFERENCES:

- 1) THE FOLLOWING MAPS FILED IN THE MONROE COUNTY CLERK'S OFFICE:
BOOK 6, PAGE 88
BOOK 7, PAGE 22
- 2) THE FOLLOWING DEEDS FILED IN THE MONROE COUNTY CLERK'S OFFICE:
BOOK 6332, PAGE 351
BOOK 6312, PAGE 128
- 3) CITY OF ROCHESTER DISTRICT 18, MAP 1.
- 4) ABSTRACT No. 57707 PREPARED BY INDEPENDENT TITLE AGENCY, LLC, DATED JANUARY 30, 2016.

NOTES:

- 1) HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE (140 27) THROUGH SURVEY CONTROL TIES TO MONUMENTS.
BEACHWOOD 1925 N=1,153,437.23 E=768,533.95
COCKSHAW 1925 N=1,153,760.78 E=768,728.39
- 2) PROPERTY MAY BE SUBJECT TO A GARAGE ENCROACHMENT AGREEMENT AND LICENSE IN LIBER 8059 OF DEEDS, PAGE 125 FOR THE PROPERTY AT TAX ACCOUNT No. 106.76-1-40. IF APPROVED THAT THE GARAGE HAS BEEN REMOVED FROM THE PROPERTY AND THIS AGREEMENT MAY NOT BE IN EFFECT ANY LONGER.

EASEMENT DESCRIPTION:

All that tract or parcel of land shown in the City of Rochester, County of Monroe, and State of New York, know and distinguished as Lot No. 17 of the Beachwood Tract, a subdivision of part of Town Lot No. 50 of the Town of Brighton, now in the City of Rochester, as shown on a map made by R.L. Smith for Kings and Williams, filed in the Monroe County Clerk's Office in Liber 7 of Maps, Page 22.

Said Lots 1, 2, and 3 front 38.3 feet on the north side of Main Street East and extend back 140 feet, said Lot 4 being in the rear of said Lots 1, 2, and 3 and being 109.90 feet, more or less on the north line, 50 feet on its west and east lines and 108.7 on the north line.

Also all that tract or parcel of land in the City of Rochester, County of Monroe, State of New York, and being Lots 1, 2, 3 and 4 on said map of H. C. Heath Subdivision recorded in the Monroe County Clerk's Office in Liber 6 of Maps, Page 86, said Heath's Subdivision being a Resubdivision of Lot 14 of Klam's Subdivision according to a map recorded in the Monroe County Clerk's Office in Liber 178 of Deeds, Page 508.

Said Lot No. 17 fronts 39.54 feet in the north side of East Main Street, in the City, and extends back 157.61 feet on the west side and 182 feet on the east side according to said map including all the title and interest of the parties in the first part in and to the land in the streets opposite the premises hereby conveyed.

Being and intending to describe the same premises referenced above (and recorded respectively in Liber 2711 of Deeds, Page 225 and Liber 2546 of Deeds, Page 190 in the Monroe County Clerk's Office) in an updated description based on a field survey by Bergmann Associates on February 1, 2016 and described as follows:

Commencing at the intersection of the westerly right of way line of East Main Street (also Schenck Avenue - 80' wide) with the westerly right of way line of Laura Street (80' wide), thence, North 79°41'08" West, on the said northerly right of way line of East Main Street, a distance of 127.50 feet to the Point of Beginning, Thence,

North 79°41'08" West, continuing on the said northerly right of way line of East Main Street, a distance of 148.44 feet to a point on the division between the said lands of the City of Rochester on the east, and lands now or formerly of AutoZone, Inc. (T.A. No. 106.76-1-45) on the west; thence,

North 09°24'10" East, on the said division line, a distance of 157.55 feet to a point on the division line between the said lands of the City of Rochester on the south and lands now or formerly of Rocky C. Williams (T.A. No. 106.76-1-30) on the north; thence,

South 89°06'54" East, on the said division line and the division line between the said lands of the City of Rochester on the south and lands now or formerly of Emma Melick (T.A. No. 106.76-1-31) on the north, a distance of 40.28 feet to a point; thence,

North 07°35'37" East, continuing on the said division line, a distance of 27.95 feet to a point on the division line between the said lands of the City of Rochester on the south and lands now or formerly of Ruckin Group LLC (T.A. No. 106.76-1-32) on the north; thence,

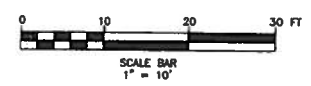
South 79°41'17" East, continuing on the said division line and on the division line between the said lands of the City of Rochester on the south and lands now or formerly of Mary Ann Millwood (T.A. No. 106.76-1-33); and Andora Moses (T.A. No. 106.76-1-35.1) on the north, a distance of 109.36 feet to a pin w/cap found on the division line between the said lands of the City of Rochester on the west and lands now or formerly of John M. Fleming (Tax Map No. 106.76-1-39) on the east; thence,

South 09°44'14" West, continuing on the said division line and on the division line between the said lands of the City of Rochester on the west, and lands now or formerly of Michael & Ellen Johnson (Tax Map No. 106.76-1-40); and lands now or formerly of 1214-1216 East Main Street, LLC (Tax Map No. 106.76-1-43) on the east, a distance of 190.00 feet to the Point of Beginning.

Said parcel containing 0.622 acres, more or less.

WE, BERGMANN ASSOCIATES, DO HEREBY CERTIFY THAT THIS MAP WAS MADE FROM THE NOTES OF AN INSTRUMENT SURVEY LAST DATED 2/1/16 AND FROM THE REFERENCES LISTED HEREIN.

Kevin M. Sullivan 2/25/2016
KEVIN M. SULLIVAN, L.S. No. 049563 DATE



CITY OF ROCHESTER

1200 East Main St.
Rochester, NY 14609

Bergmann associates
architects // engineers // planners

28 East Main Street
200 First Federal Plaza
Rochester, New York 14614-1909

office: 585.232.5135
fax: 585.232.4652

www.bergmannpc.com

REVISIONS			
NO.	DATE	DESCRIPTION	REV. CMTD.

EASEMENT TO N.Y.S.D.E.C.

NOTE:
Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

Project Manager: **K. SULLIVAN**
Designed by: **G. WOOD**
Checked by: **K. SULLIVAN**
Title Issue: **FEBRUARY 1, 2016**
Scale: **1" = 10'**

Project Number: **4453.05**
File Name: **156City of Rochester\004453.05\4.04.15**
Drawing Number: **004453.05 base.dwg**

ISM-01



APPENDIX 4
NYSDEC APPROVALS OF SUBSTANTIVE
TECHNICAL REQUIREMENTS

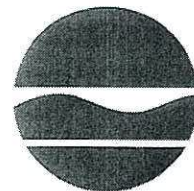
New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 8

6274 East Avon-Lima Road, Avon, New York 14414-9519

Phone: (585) 226-2466 • FAX: (585) 226-8696

Website: www.dec.state.ny.us



Alexander B. Grannis
Commissioner

June 3, 2009

Ms. Jane MH Forbes
Environmental Specialist - Remediation
City of Rochester, Division of Environmental Quality
30 Church Street, Room 300B
Rochester, New York 14614-1290

Re: 1200 East Main Street ERP Site, B00129-8
Proposed Backfill Soil Approval

Dear Ms. Forbes:

This office has received your request to use surplus soil that is currently stockpiled at 1315 South Plymouth Avenue in the City of Rochester as backfill for the subject site. The request includes analytical and qualitative documentation from five test pits which suggest that the soil is homogenous and expected to meet project requirements. Ten test pits are to be excavated from an area of the stockpiled soil that will be designated for use at the subject site, comprising up to 2,500 cubic yards of soil. One soil sample will be collected from each test pit and analyzed for the full list of TCL organics and TAL inorganics. Results will be compared to the Part 375 SCOs for Commercial Use and Protection of Groundwater to determine if the material is acceptable for use as backfill on this subject site. This request is hereby approved.

If you should have any questions or I can be of further assistance, please feel free to contact me at (585) 226-5356 or via email at gmaclea@gw.dec.state.ny.us.

Sincerely,

Gregory B. MacLean, P.E.
Environmental Engineer 2

cc: B. Putzig, NYSDEC - Region 8
R. Knizek, NYSDEC - Central Office
K. Anders, NYSDOH - Troy
J. Kosmala, MCHD
J. Biondolillo, City of Rochester
G. Flisnik/E. Jones, Bergmann Associates

DeMeo, Stephen

From: Theobald, Charlotte B (DEC) <charlotte.theobald@dec.ny.gov>
Sent: Monday, March 21, 2016 1:47 PM
To: Steven Marchetti
Cc: DeMeo, Stephen
Subject: RE: Sive analysis for 1200 E main, Rochester, NY

Steven:

Based on the documentation provided from The Dolomite Group - Walworth Plant, the Department approves the use of Crusher Run #1, Crusher Run #2, #2 Stone, and #1 & #2 Mix meet the DER-10 requirements for the 1200 East Main Street Site (B00129).

Best Regards,
Charlotte

From: Steven Marchetti [mailto:smarchetti@matrixbiotech.com]
Sent: Monday, March 21, 2016 1:40 PM
To: Theobald, Charlotte B (DEC)
Cc: Demeo, Stephen (THRUWAY)
Subject: Fwd: Sive analysis for 1200 E main, Rochester, NY

Charlotte:

Spec sheet for your review and approval. Do we have approval to use #2 crushed stone at this site?

Thanks

Begin forwarded message:

From: Tony Alu <tonyalu@riccellienterprises.com>
Date: March 18, 2016 at 1:47:07 PM EDT
To: 'Steven Marchetti' <smarchetti@matrixbiotech.com>
Cc: Tony Alu <tonyalu@riccellienterprises.com>
Subject: RE: Sive analysis for 1200 E main, Rochester, NY

Steve,

Please see attached quote and material submittal per your request. Thank you! Tony

Tony Alu
Vice President - Sales & Client Management
Riccelli Enterprises, Inc.
Physical Address: 6800 W. Henrietta Rd.

THE DOLOMITE GROUP

DOLOMITE PRODUCTS COMPANY, INC
 MANITOU CONSTRUCTION COMPANY, INC
 ROCHESTER ASPHALT MATERIALS
 IROQUOIS ROCK PRODUCTS
 NORTHRUP MATERIALS



MATERIAL SUBMITTAL

1150 Penfield Road
 Rochester, N.Y. 14625
 Phone: (585) 381-7010
 Fax : (585) 381-0208

DATE: March 18, 2016
 PAGE: 1 of 1

TO: Tony Alu
 OF: Riccelli Enterprises

PROJECT: 1200 East Main Street

CRUSHED STONE: Walworth Plant

NYS DOT Source #: 3-8R
 Current NYS DOT Test #: 12 AR 71

This is to certify that the Crushed Stone to be used on the above referenced project will be produced in accordance with the most current New York State Department of Transportation's, "Standard Specifications" and Addenda. All stone properties conform to sections 703.0201, 203, 304, 605 and 620 of the Specification. Specific values are listed below.

PROPERTY	VALUE	SPEC.
Mag. Sulfate Loss	4	18 max.
LA Abrasion Loss	23	35 max.
Flat and Elongated Pieces - 3:1 5:1	5	30 max.
	0	10 max.
Crushed Particles	100	n.a.
Deleterious Materials	0	2 max.

TYPICAL GRADATIONS (All Values are % Passing)						
SIEVE SIZE	CRUSHER RUN #2	CRUSHER RUN #1	CRUSHER RUN 5/8"	#1 STONE	#2 STONE	#1 & #2 MIX
4" (100 mm)	100					
2" (50)	100					
1 1/2" (37.5)	92				100	100
1" (25)	72	100		100	90	95
1/2" (12.5)	45		100	98	8	53
1/4" (6.3)	36	52	72	12	2	7
#40 (0.425)	11	11	15			
#80 (0.180)	8	8	11			
#200 (0.075)	6	7	8	0.4	0.2	0.3
Typical Item Numbers	203.____ 304.____			605.0901		CA 2 ASTM 57

LIGHT STONE FILL		
SIZE	VALUE	SPEC
Lighter Than 100 Lbs.	100	90 - 100
Larger Than 6"	55	50 - 100
Smaller Than 1/2"	8	0 - 10

Notes:
 1) Proctor Density typically runs at approx 142 +/-2 pcf at 6-8% Moisture. (For Crusher Run products only)
 2) Medium and Heavy Stone Fill Items are selected at time of purchase to satisfy project requirements.

Signed By: Pasquale (Pat) A. DiLucia Pasquale (Pat) A. DiLucia - Vice President

Rush, NY 14543
585-334-8410 ext 304 Office
585-370-0331 Mobile
585-334-8425 Fax
tonyalu@riccellienterprises.com
www.riccellienterprises.com

Please consider the environment before printing this email.

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From: Steven Marchetti [<mailto:smarchetti@matrixbiotech.com>]
Sent: Friday, March 18, 2016 9:16 AM
To: Tony Alu
Subject: FW: Sive analysis for 1200 E main, Rochester, NY

Tony:

We are going to need some gravel backfill at the site reference above. Because of CP-51 we are limited to the quarries we use. We also need to show product sheets with the sieve analysis. Can I get a cost for delivery and product of #2 crusher run from the Dolomite Quarry. Can you also provide the following product sheet listed below. We have a product sheet but it does not show analysis using an 80 sieve.

Thanks for the help. It will be about 800 tons of stone being hauled to 1200 E Main street, Rochester

Steve

-----Original Message-----
From: Theobald, Charlotte B (DEC) [<mailto:charlotte.theobald@dec.ny.gov>]
Sent: Tuesday, March 15, 2016 2:31 PM
To: Steven Marchetti <smarchetti@matrixbiotech.com>
Cc: Demeo, Stephen (THRUWAY) <sdemeo@bergmannpc.com>
Subject: RE: Sive analysis for 1200 main

Steve & Steve:

Dolomite needs to provide you a product sheet that shows the 80 sieve analysis for crusher #2. They can do it and they have for other projects of mine. The document show that it passes the 40 and 200 but I need documentation that it passes the 80.

Charlotte

-----Original Message-----
From: Steven Marchetti [<mailto:smarchetti@matrixbiotech.com>]
Sent: Tuesday, March 15, 2016 2:24 PM

To: Theobald, Charlotte B (DEC)
Cc: Demeo, Stephen (THRUWAY)
Subject: Sive analysis for 1200 main

Steve asked me to send this to you. We are proposing crusher #2. Results show it passing the #40 sieve and #200 sieve. Please let us know if we have approval to backfill. Thanks!!!



APPENDIX 5
REMEDICATION-RELATED PERMITS

SEWER CONNECTION PERMIT NUMBER: 028566

LATERAL TYPE: Sanitary Storm (RPWD) Combination (RPWD Only)

Permit is hereby granted to Jonathan Gatti
(Plumber)

to connect with the existing public sewer for:

1200 Main E ST

(Street Address)

Lot # Track Name Heath & Beechwood

City/Town ROCH in the IRONDEQUOIT BAY-SOUTH CENT District.

KAD

Permit issued by

Plumber's Signature

Date Issued 3/29/2016

Date Expires 3/29/2017

RULES AND REGULATIONS

Permits for connection with sewers in the Sewer District will only be issued by the District or its representative. Permits may be revoked at any time. The work shall be performed by a plumber licensed by the municipality in Monroe County in which the work is being performed.

Applications must be made by the plumber to the District on the form provided and accompanied by a check for any required fees or charges.

Each plumber shall file a Bond of \$5,000.00 with the District to indemnify the Sewer District and County against all loss, cost, damage or expense sustained or recovered on account of any negligence omission or act of the applicant for such permit or any of his, their or its servants or agents arising or resulting directly or indirectly by reason of such permit or consent, or any act, construction or excavation done, made or permitted under authority of such permit or consent.

Before a permit is issued, the plumber shall file with the District insurance certificates with the District and County of Monroe names as additionally insured on the policy for:

- (a) Public liability limited to \$1,000,000.00 for injuries and including wrongful death to each person and limited to \$1,000,000.00 on account of each accident.
- (b) Property damage for \$1,000,000.00 for damages on account of any one accident and \$1,000,000.00 for damages on account of all accidents.
- (c) Automobile - All owned or leased, \$500,000.00.
- (d) Workers' Compensation and employee liability.

The policies shall cover motor vehicle operations. all insurance policies must provide for 30 days notice to the District before cancellation and must cover all liabilities of the District and be in form satisfactory to the same.

All work must be done under the supervision and in accordance with the current requirements of the District and the direction of the inspector designated by the District.

There will be an additional charge in accordance with the District's fee schedule for each inspection after the first except for emergencies.

Connections shall be made so that only the specific type of discharge will be allowed as per District requirements.

Whenever it is necessary to enter upon or excavate any highway or cut any pavement, curbing or sidewalk, permission must be obtained from the proper authorities.

Special permission from the District shall be required for blasting or the use of explosives.

SPECIFICATIONS FOR SEWER CONNECTIONS

All connections with sewers shall be made in accordance with the following specifications:

The word "Plumber" is used to describe the person performing the work. Connections shall be made at laterals provided in the sewer. The location of such laterals may be obtained at the District office; however, the District assumes no responsibility for the exact locations or the consequences or damages that may be incurred by virtue of a wrong location. Where no lateral exists, a request for a tap must be made to the District. All 4" & 6" lateral tapping of sewers will be accomplished by the District or an approved representative. The charge for tapping existing sewers will be in accordance with the District's current published schedule and shall include a saddle or collar suitable for receiving approved lateral pipe. Excavation and backfill shall be at the expense of the plumber.

Before connecting to any existing sewer laterals, the plumber shall make sure that they are free and clear of sand, muck, rock, roots and any other material from the point of connection to the main sewer.

Connection to sewers and cleanouts shall be made with District approved soil pipe not less than 4" in diameter. The pipe shall be sound cylindrical, smooth and of uniform thickness. Connection and cleanout joints shall be made with District approved material only.

All fittings shall be recessed drainage fittings with smooth continuous inner surfaces to the flow of drainage and shall conform, in all respects, to the grade of pipe. Change in direction of flow shall be made by the use of proper fittings. Where required, sixteenth bends may be placed as per District requirements. Eighth bends or 2 long sweep, sixteenth bends may be used. The use of long sweep quarter bends will be allowed in riser connections only in conformance with District requirements.

Each lateral shall be provided with a cleanout at the lot line or District permanent easement line, at sharp changes in direction and after each 75' of lateral, with openings set flush with ground grade. Plugs shall consist of a District approved fitting. The plug shall be an extra heavy brass tapered screw Plug with solid hexagonal nut. *No other Plug will be allowed.*

All pipes shall be laid with ends abutting and true to line and grade. Unless otherwise permitted by the inspector, the pipe lines shall be laid to grade of at least one quarter inch per foot. Pipes shall be fitted together and matched so that where laid they will form a sewer with a smooth and uniform invert. All pipes shall be cleared of dirt and foreign materials as the work progresses.

Whenever it is necessary to leave the work, the end of the pipe shall be securely closed with a tightly fitting cover or plug. Any earth or other material entering the main sewer through the opening end of any lateral or pipe shall be removed at the plumber's expense. All trenches must be properly protected as per current OSHA requirements. Where pipes pass under the walls of any building there shall be a relieving arch constructed to prevent the settlement of the masonry over the pipe. The plumber shall erect and maintain barricades, red lights and other safeguards necessary per current OSHA requirements.

All lateral pipe shall be bedded in first class "Class B" stone bedding to within (5) five feet of the building footprint.

The fill over and around the pipes up to a depth of one foot over the pipes must be compacted select fill as per District requirements. It shall be deposited in layers not exceeding six inches in thickness, each of which shall be well pounded, rammed and compacted so that the pipes are firmly embedded. No stones exceeding six inches in their largest dimension may be used in refilling the remaining layers being thoroughly compacted.

It is the responsibility of the plumber to obtain any permits required and pay any costs before doing any excavating within the highway limits when searching for a lateral or wye connection.

Where the trench passes beneath a pavement or where pavements have to be replaced, work shall be done in accordance with the direction of the proper authorities. Outside the limits of the pavement, the surface of the trenches, after being filled and compacted, shall be finished off in a smooth and workmanlike manner. All settlement in public highways occurring after the trenches have been refilled must be filled in by the plumber. Should he fail to do so, the refilling will be done by the Sewer District and the cost of the work charged to him.

PERMIT RECEIPT

3381

Mar 29, 2016

7:52:23 AM

RECEIVED FROM:

RECEIPT # 2370419

COLLECTOR BY: KAD

COLLECT DATE: 03/28/2016

CHK # 25851

PERMIT #	LOCATION	TOWN	DISTRICT	TAX ACCOUNT	TOTAL FEE
28566	1200 Main E ST	ROCH	IBSCPWD	106.76-1-44	450.00

Remark:

SUB TOTAL: \$ 450.00

Memo. Rec. for Matrix Inv. Tech

RECEIPT TOTAL: \$ 450.00

**COUNTY OF MONROE
SEWER USE PERMIT ENCLOSURE**

City of Rochester-DEQ
300 Church Street
Rochester, NY 14614

PERMIT NUMBER: ST-308
DISTRICT NUMBER: 8575

SITE LOCATION:
1200 East Main Street
NYSDEC ERP B00129-8

TYPE OF BUSINESS: Former Gas Station
SAMPLE POINT: after O/W separator and air stripper

REQUIRED MONITORING

SELF MONITORING FREQUENCY:

1. **Analytical Performance testing** of treatment system with Monroe County approval prior to discharge
2. **Analytical testing once per day** for two consecutive days after start up and discharge commences (24 hour turnaround).
3. **Weekly or every 5 days of active discharge** for three weeks commencing at the end of the three consecutive day testing.
4. **Monthly** thereafter.

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

<u>Analyte</u>	<u>Sewer Use Limit</u>
BTEX Compounds (EPA Method 624)	*
Polynuclear Aromatic Hydrocarbons (EPA 625)	*
MTBE	**

* The summation of all BTEX and PAH compounds reported greater than 10 µg/l shall not exceed 2.13 mg/L.

** Monitor only

SPECIAL CONDITIONS:

1. **Sample results must be reviewed by Monroe County DES prior to discharge to the sanitary sewer system.**
2. **Discharge location must be approved by Monroe County DES prior to discharging.**
3. **Discharge rate is not to exceed 10 gpm unless prior authorization has been given by the Monroe County DES.**
4. **Total discharge volume must be tracked and reported to the IW office at the end of the project.**



APPENDIX 6
QUARTERLY, MONTHLY, AND DAILY
REPORTS

December 8, 2016

Ms. Jane Forbes
City of Rochester – Division of Environmental Quality
30 Church Street Room 300B
Rochester, NY 14614

Re: 4th Quarter 2016 Groundwater Monitoring Report
1200 East Main Street
City of Rochester
Monroe County, New York
Brownfield Project B-00129-8
Matrix Project #12-041

Ms. Forbes:

Enclosed is the 4th Quarter 2016 Groundwater Monitoring Report for the above referenced site. This report includes the most recent groundwater gauging and sampling results from the work performed on November 8, 2016.

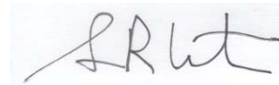
Contaminant mass has significantly decreased as a result of VEGE system operation as evidenced by 82-100% reductions in groundwater VOC concentrations in the onsite monitoring wells as compared to pre-remediation levels (2010). In November, total VOCs ranged from non-detect in MW-8 and MW-9R to 701.3 µg/L in MW-4. At these low concentrations, bioremediation becomes more efficient than physical removal processes. In early 2017, the VEGE system will be deactivated and an oxygen injection system will be installed at the site as detailed in the addendum to the RAWP. Prior to deactivation of the VEGE system, a groundwater elevation gauging event will be completed to confirm that LNAPL is no longer present in the monitoring wells at the site.

The next sampling event is scheduled for February 2017. Should you have any questions or require further information, please contact the undersigned.

Sincerely,
Matrix Environmental Technologies Inc.



Christine Curtis
Project Engineer



Sean R. Carter, P.E.
Principal Engineer

Enclosures

cc: Mr. Stephen DeMeo – Bergmann Associates

GROUNDWATER MONITORING REPORT
4th Quarter 2016
November 2016

1200 East Main Street
City of Rochester
Brownfield Project B-00129-8

REMEDICATION INFORMATION

Vacuum enhanced groundwater extraction (VEGE).

GROUNDWATER MONITORING ACTIVITIES COMPLETED DURING PERIOD

<u>Date</u>	<u>Activities Completed</u>
8/23/16 – 8/24/16	Gauged and sampled groundwater from select monitoring wells using low-flow sampling techniques. Samples were submitted for laboratory analysis of VOCs via EPA Method 8260 and SVOCs via EPA Method 8270D.

GROUNDWATER MONITORING RESULTS

The VEGE system was activated on May 23, 2016 and the November 2016 quarterly sampling event is the second sampling event completed since that time. The remediation system is operated by Matrix Environmental (METI) and quarterly groundwater elevation gauging and sampling is completed by Bergmann Associates (Bergmann). For additional details on system operation, refer to the October-November 2016 Remediation System Status Report submitted by METI.

A potentiometric surface map under pumping conditions during the quarterly sampling event is included as Figure 1. Similar to the previous quarter, the map indicates that pumping from the extraction wells currently has little impact on groundwater flow direction despite an increase in pumping rates in November. The current groundwater flow direction is a radial pattern of the potentiometric surface caused by mounding in the former excavation area. The direction of groundwater flow has historically been mainly to the south and occasionally a divergent flow pattern has been observed, with groundwater flow to the north in the northern portion of the site.

A comparison of the most recent VOC plume (November 2016, Figure 2) to historical concentrations (refer to Appendix A for historical figures) confirms that the groundwater plume footprint has been reduced as a result of system operation. Additionally, LNAPL was not detected in any monitoring wells during the November sampling event. Historically, LNAPL has been detected in MW-3, MW-4, MW-7, and MW-9. Refer to Table 1 for a summary of groundwater elevation data and to Tables 2 and 3 for a summary of laboratory analytical results.

It is expected that further reductions in groundwater VOC concentrations achieved through VEGE system operation will be minimal. At this stage, oxygen injection will replace VEGE as bioremediation becomes more efficient than a physical removal process. Deactivation of the VEGE system and activation of an oxygen injected system is scheduled to be completed in early 2017.



FUTURE ACTIVITIES

- Groundwater monitoring event to be completed in February 2017.
- VEGE system deactivation.
- Oxygen injection system activation.

MONITORING

Monitoring Well Type:	2-inch diameter SCH40 PVC
Groundwater Gauging Frequency:	Quarterly (MW-1, MW-2, MW-4, MW-7R, MW-9R, MW-11, MW-15R, MW-16)
Sampling Method and Frequency:	Quarterly via EPA Method 8260 and EPA Method 8270D
Analytical Laboratory Used:	Chemtech (NYSDOH ELAP #11376)

LIST OF ATTACHMENTS

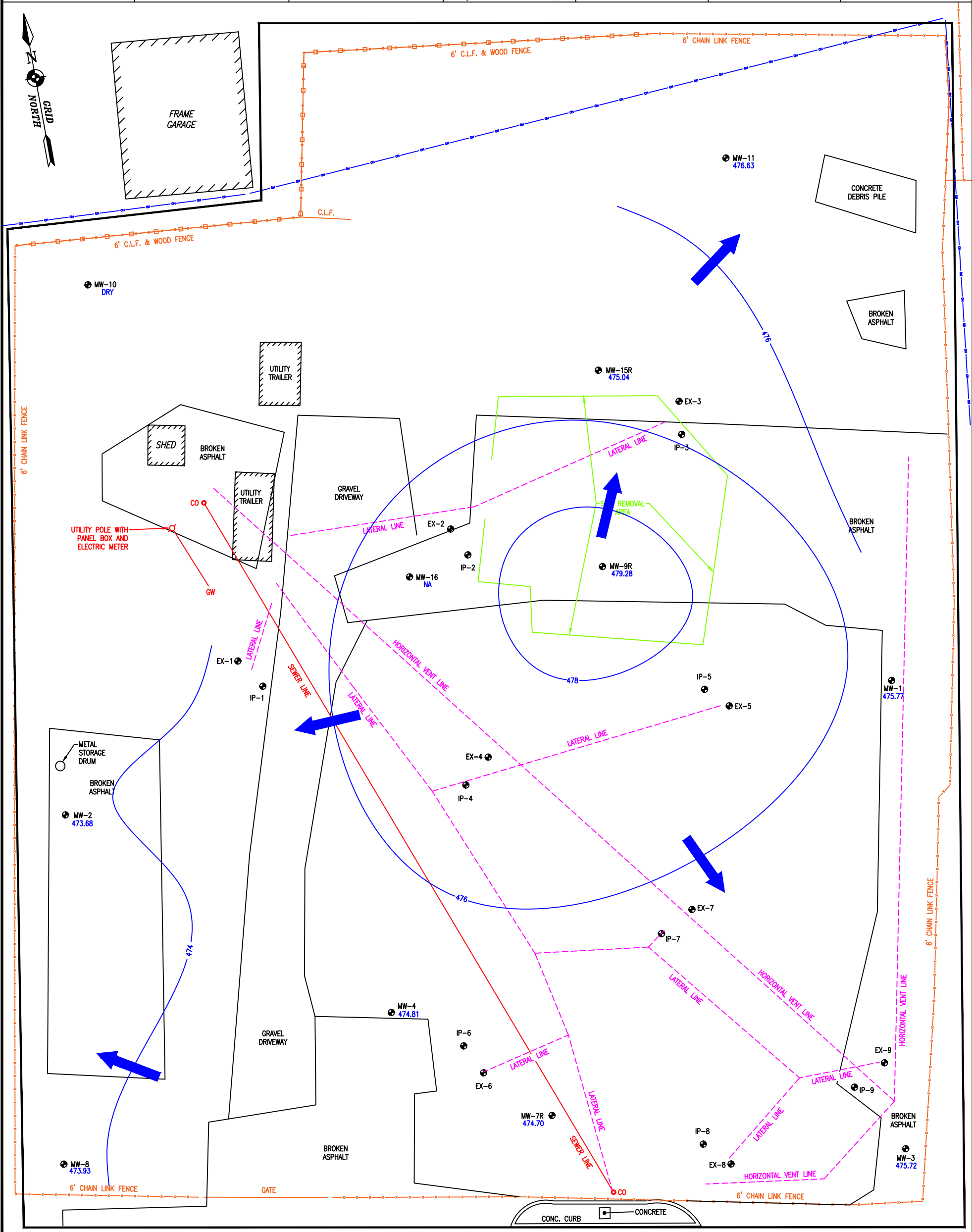
- Figure 1: Groundwater Potentiometric Surface Map – November 8, 2016
- Figure 2: Groundwater VOC and SVOC Concentrations – November 8, 2016

- Table 1: Groundwater Elevations Summary
- Table 2: Groundwater VOC Data Summary
- Table 3: Groundwater SVOC Data Summary

- Attachment A: Pre-Remediation Groundwater VOC Concentrations
- Attachment B: Laboratory Analytical Reports

FIGURES

FIGURE: 1	TITLE: Groundwater Potentiometric Surface Map	PROJECT NAME / LOCATION: 1200 East Main Street City of Rochester, New York Brownfield Project B-00129-8	REVISION BY: C. Curtis DATE: 12/7/16	PROJECT MGR: S. Marchetti DESIGNED BY: S. Carter REVIEWED BY: S. Marchetti DRAWN BY: Bergmann Associates	PREPARED FOR: City of Rochester	PREPARED BY: MATRIX ENVIRONMENTAL TECHNOLOGIES INC. 3730 California Road P.O. Box 427 Orchard Park, NY 14127 p:716.662.0745 www.matrixbiotech.com
DATE: November 8, 2016				SCALE IN FEET: 1" = 10' 0 10'		
PROJECT NO.: 12-041						



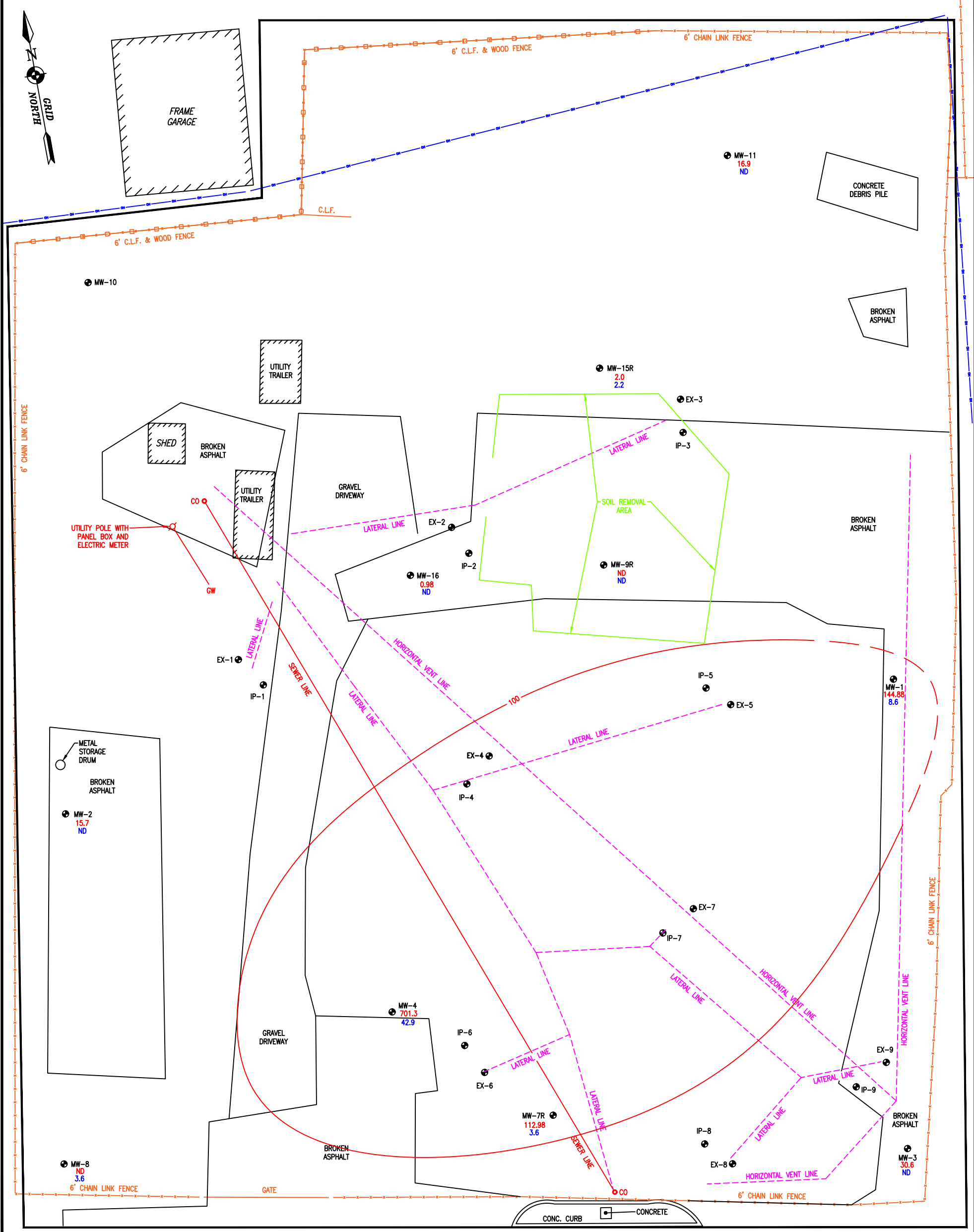
CONCRETE SIDEWALK
CONCRETE SIDEWALK
GRANITE CURB
EAST MAIN STREET
(60' WIDE)

LEGEND

● MW-3	Well ID
477.54	Groundwater Elevation (feet)
~	Groundwater Elevation Contour
→	Groundwater Flow Direction
NA	= Not Available; casing not surveyed



FIGURE: 2	TITLE: Groundwater VOC and SVOC Concentrations	PROJECT NAME / LOCATION: 1200 East Main Street City of Rochester, New York Brownfield Project B-00129-8	REVISION BY: C. Curtis DATE: 11/22/16	PROJECT MGR: S. Marchetti DESIGNED BY: S. Carter REVIEWED BY: S. Marchetti DRAWN BY: Bergmann Associates	PREPARED FOR: City of Rochester	PREPARED BY: MATRIX ENVIRONMENTAL TECHNOLOGIES INC. 3730 California Road P.O. Box 427 Orchard Park, NY 14127 p:716.662.0745 www.matrixbiotech.com
DATE: November 8, 2016			SCALE IN FEET: 1" = 10' 0 10'			
PROJECT NO.: 12-041						



CONCRETE SIDEWALK
GRANITE CURB
EAST MAIN STREET
(60' WIDE)

LEGEND

● MW-3	Well ID
110.72	VOC Concentration (ug/L)
3.6	SVOC Concentration (ug/L)
~	VOC Concentration Contour (ug/L)



TABLES

Table 1
City of Rochester - Division of Environmental Quality
1200 East Main Street
Groundwater Elevation Data - November 2016

Monitoring Well Number	Date Gauged	Total Depth of Well (ft.)	Monitoring Well Diameter (in.)	Top of Casing Reference Elevation (ft.)	Depth to Product (ft.)	Depth to Water (ft.)	Product Thickness (ft.)	Adjusted Groundwater Depth (ft.)	Calculated Groundwater Elevation (ft.)
MW-1	11/8/2016	24.08	2.00	495.35		19.58	0.00	19.58	475.77
MW-2	11/8/2016	24.19	2.00	496.02		22.34	0.00	22.34	473.68
MW-3	11/8/2016	21.79	2.00	492.02		16.30	0.00	16.30	475.72
MW-4	11/8/2016	21.12	2.00	492.00		17.19	0.00	17.19	474.81
MW-5	11/8/2016	24.51	2.00	492.70		NA	0.00	NA	NA
MW-6	11/8/2016	23.59	2.00	492.65		NA	0.00	NA	NA
MW-7R	11/8/2016	22.50	2.00	491.97		17.27	0.00	17.27	474.70
MW-8	11/8/2016	22.20	2.00	494.91		20.98	0.00	20.98	473.93
MW-9R	11/8/2016	23.47	2.00	492.41		13.13	0.00	13.13	479.28
MW-10	11/8/2016	26.49	2.00	Unknown		NA	0.00	NA	NA
MW-11	11/8/2016	28.80	2.00	495.95		19.32	0.00	19.32	476.63
MW-12	11/8/2016	22.03	2.00	491.17		NA	0.00	NA	NA
MW-13	11/8/2016	22.80	2.00	490.63		NA	0.00	NA	NA
MW-14	11/8/2016	19.70	2.00	489.48		NA	0.00	NA	NA
MW-15R	11/8/2016	23.16	2.00	492.54		17.50	0.00	17.50	475.04
MW-16	11/8/2016	23.40	2.00	Unknown		17.85	0.00	17.85	NA

NA = Not Available

TABLE 2.
Groundwater VOC Data Summary
EPA Method 8260 (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-7R	MW-8	MW-9R	DUP	MW-11	MW-15R	MW-16
Sampling Date	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016
COMPOUND											
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	4.7	4.6	ND	13.7	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND
Benzene	0.86	1.8	20.7	47.6	53.9	ND	ND	ND	2.8	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ND	4.0	ND	1.3	1.6	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	35.7	ND	ND	89.2	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	10.4	1.9	ND	190	15.9	ND	ND	ND	2.1	ND	ND
Isopropylbenzene	3.4	0.3	5.3	22.1	0.71	ND	ND	ND	1.3	ND	0.98
m/p-Xylenes	62.2	2.0	ND	160	5.7	ND	ND	ND	7.5	ND	ND
Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl Ether	ND	1.1	ND	ND	25.0	ND	ND	ND	ND	ND	ND
Methylcyclohexane	17.2	ND	4.6	57.6	8.8	ND	ND	ND	ND	2.0	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	9.6	ND	ND	18.2	0.94	ND	ND	ND	2.1	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.82	ND	ND	1.8	0.43	ND	ND	ND	1.1	ND	ND
Total Xylenes	71.8	2.0	ND	178	6.64	ND	ND	ND	9.6	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	144.88	15.7	30.6	701.3	112.98	ND	ND	ND	16.9	2.0	0.98
Total TICs	604.67	3.7	456.5	2,058.2	120.8	ND	0.2	0.21	84.95	ND	59.2

NOTES:

DUP = Duplicate

ND = Not Detected

TICs = Tentatively Identified Compounds

TABLE 3.
Groundwater SVOC Data Summary
EPA Method 8270D (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-9R	DUP	MW-11	MW-15R	MW-16
Sampling Date	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016
COMPOUND									
1,1-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	18.0	ND	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND
3+4-Methylphenols	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3.
Groundwater SVOC Data Summary
EPA Method 8270D (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-9R	DUP	MW-11	MW-15R	MW-16
Sampling Date	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016	11/8/2016
COMPOUND									
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	8.6	ND	ND	24.9	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	2.2	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	8.6	ND	ND	42.9	ND	ND	ND	2.2	ND

Total TICs	369.5	256.6	1,133.9	489.9	90.9	90.2	115	143.4	87.1
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NOTES:

DUP = Duplicate

ND = Not Detected

TICs = Tentative Identified Compounds

APPENDIX A
PRE-REMEDIAATION GROUNDWATER VOC CONCENTRATIONS

**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



REVISIONS

NO.	DATE	DESCRIPTION	REV.	CK'D

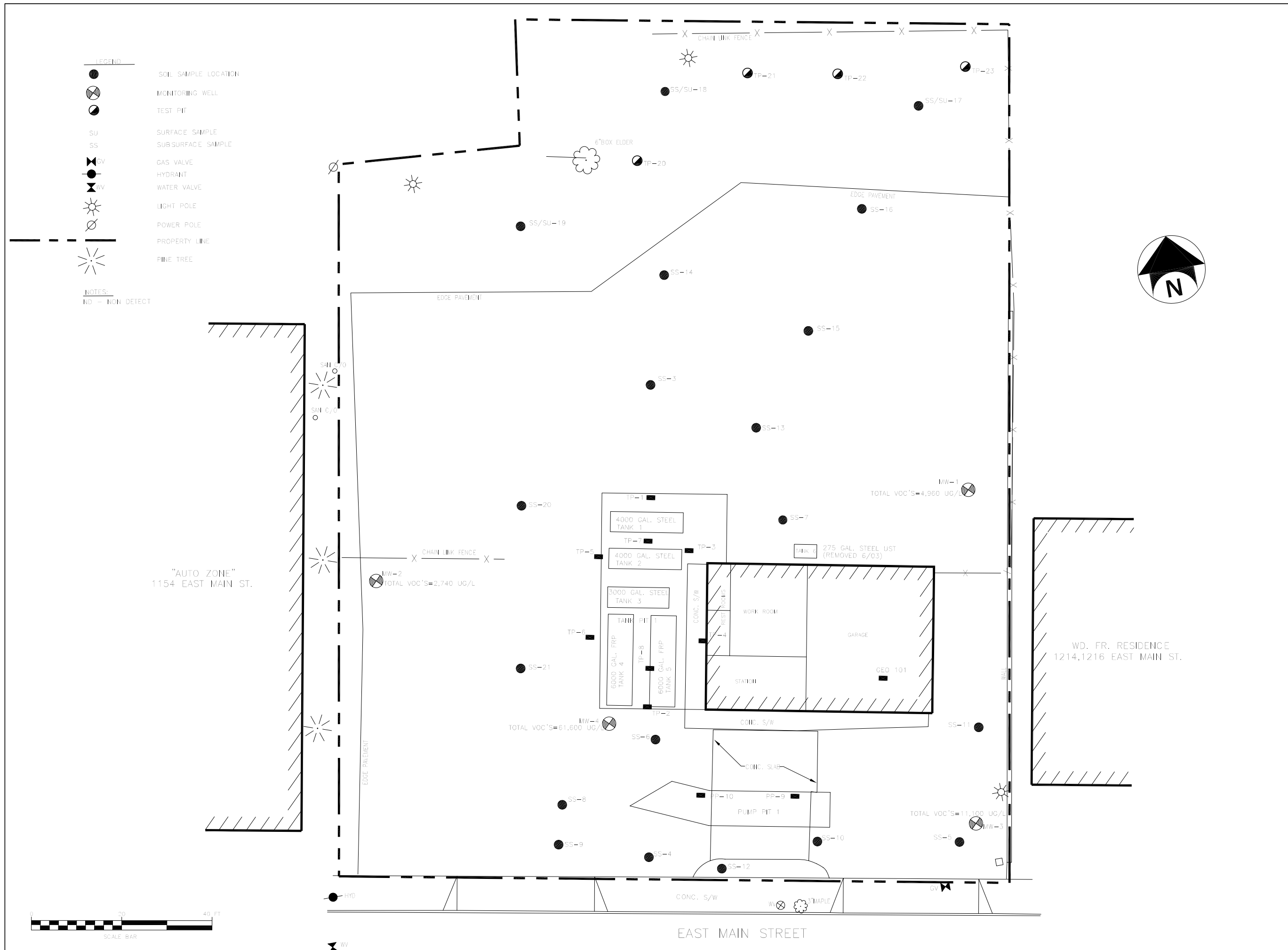
NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**2000 GROUNDWATER
 TOTAL VOCs ANALYSIS
 SUMMARY
 POSTINGS MAP**

Project Manager: GF
 Designed by: TSB
 Drawn by: TSB
 Checked by: JM
 Date Issued: SEPTEMBER 30, 2005
 Scale: AS SHOWN

Project Number: 4453.03 File Name: ISURLENVMAINFIG10.DWG
 Drawing Number:

FIG 10



CITY OF ROCHESTER

1200 EAST MAIN ST.
ROCHESTER, NY
14614

SITE INVESTIGATION REMEDIAL ALTERNATIVES REPORT



BERGMANN
associates

Engineers / Architects / Surveyors

REVISIONS

NO.	DATE	DESCRIPTION	REV.	CHK'D

NOTE:
Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

2003 GROUNDWATER VOCs ANALYSIS SUMMARY POSTINGS MAP

Project Manager: GF
Designed by: EUJ
Drawn by: TSB
Checked by: GF
Date Issued: SEPTEMBER 30, 2005
Scale: AS SHOWN

Project Number: 4453.03 File Name: I:\SURL\EN\M\MAIN\FIG11.DWG
Drawing Number:

FIG 11

LEGEND

- EXISTING MONITORING WELL INSTALLED IN 2000 MW-1 TO MW-4
- SUPPLEMENTAL 2" DIA. MONITORING WELL MW-5 TO MW-12
- GAS VALVE
- HYDRANT
- WATER VALVE
- LIGHT POLE
- POWER POLE
- PROPERTY LINE
- PINE TREE

GROUNDWATER SAMPLES COLLECTED SEPT. 4-8, 2003

ALL RESULTS EXPRESSED AS MICROGRAM PER LITER
= PARTS PER BILLION (PPB)

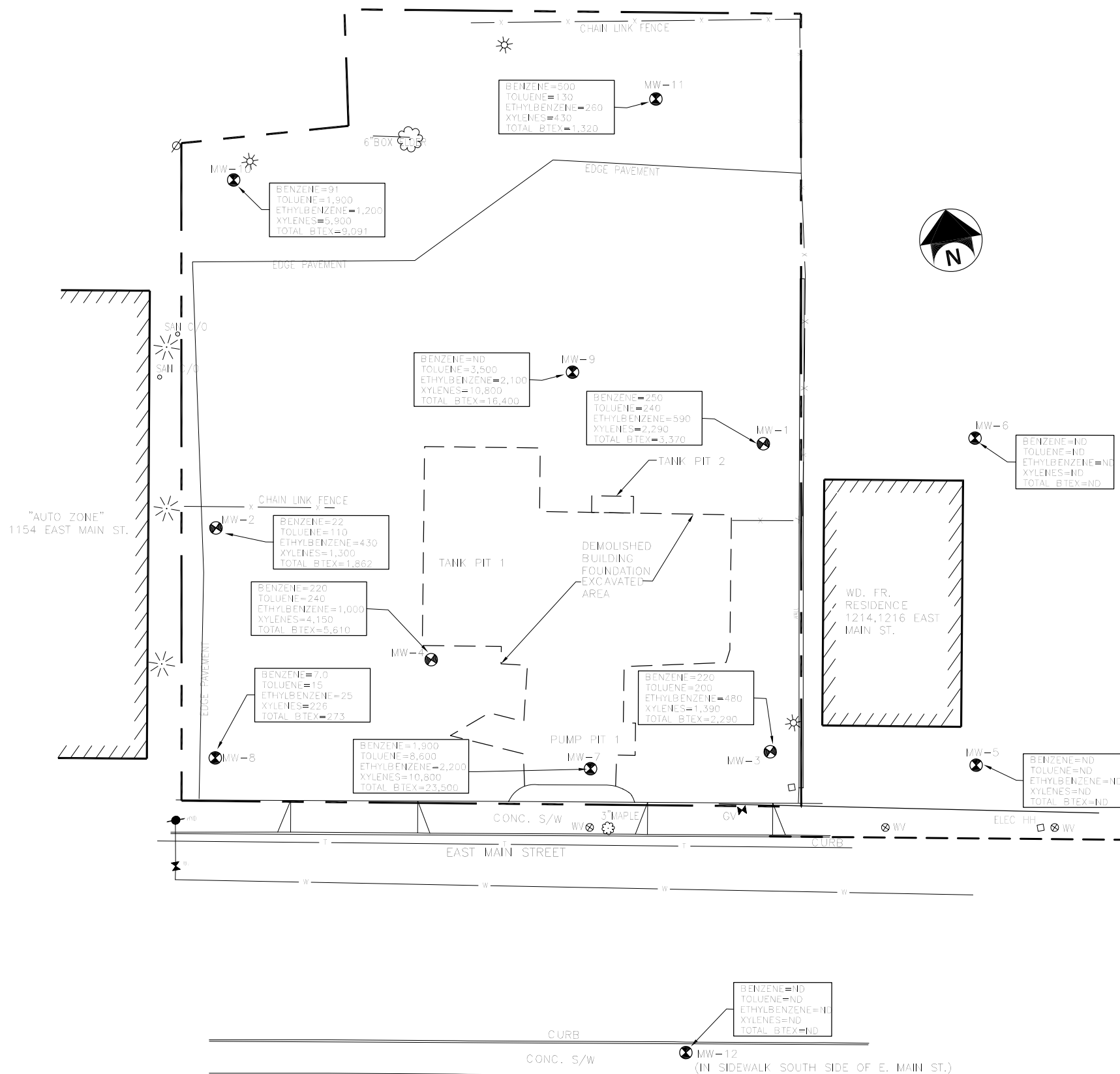
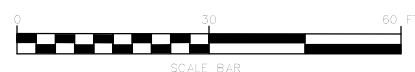
ND=NOT DETECTED

RESULTS FOR PETROLEUM VOCs ONLY

TOTAL BTEX = SUM OF DETECTED BENZENE, TOLUENE,
ETHYLBENZENE AND XYLENES

WELL #	NORTHING	EASTING	ELEVATION TOP OF RISER	ELEVATION GROUND
MW-1	1,153,671.4	767,732.8	495.35	492.90
MW-2	1,153,674.2	767,600.4	496.02	493.24
MW-3	1,153,598.3	767,721.6	492.02	492.26
MW-4	1,153,634.0	767,645.6	492.00	492.51
MW-5	1,153,586.6	767,769.7	492.70	493.26
MW-6	1,153,663.9	767,783.0	492.65	493.13
MW-7	1,153,601.9	767,678.5	491.70	492.14
MW-8	1,153,620.0	767,590.4	494.91	492.32
MW-9	1,153,696.2	767,690.8	492.21	492.65
MW-10	1,153,755.7	767,618.8	496.19	493.80
MW-11	1,153,757.2	767,721.8	495.95	493.66
MW-12	1,153,530.8	767,689.2	491.17	491.63

ELEVATION VALUES RELATIVE TO MEAN SEA LEVEL



**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



REVISIONS			
NO.	DATE	DESCRIPTION	REV. CK'D

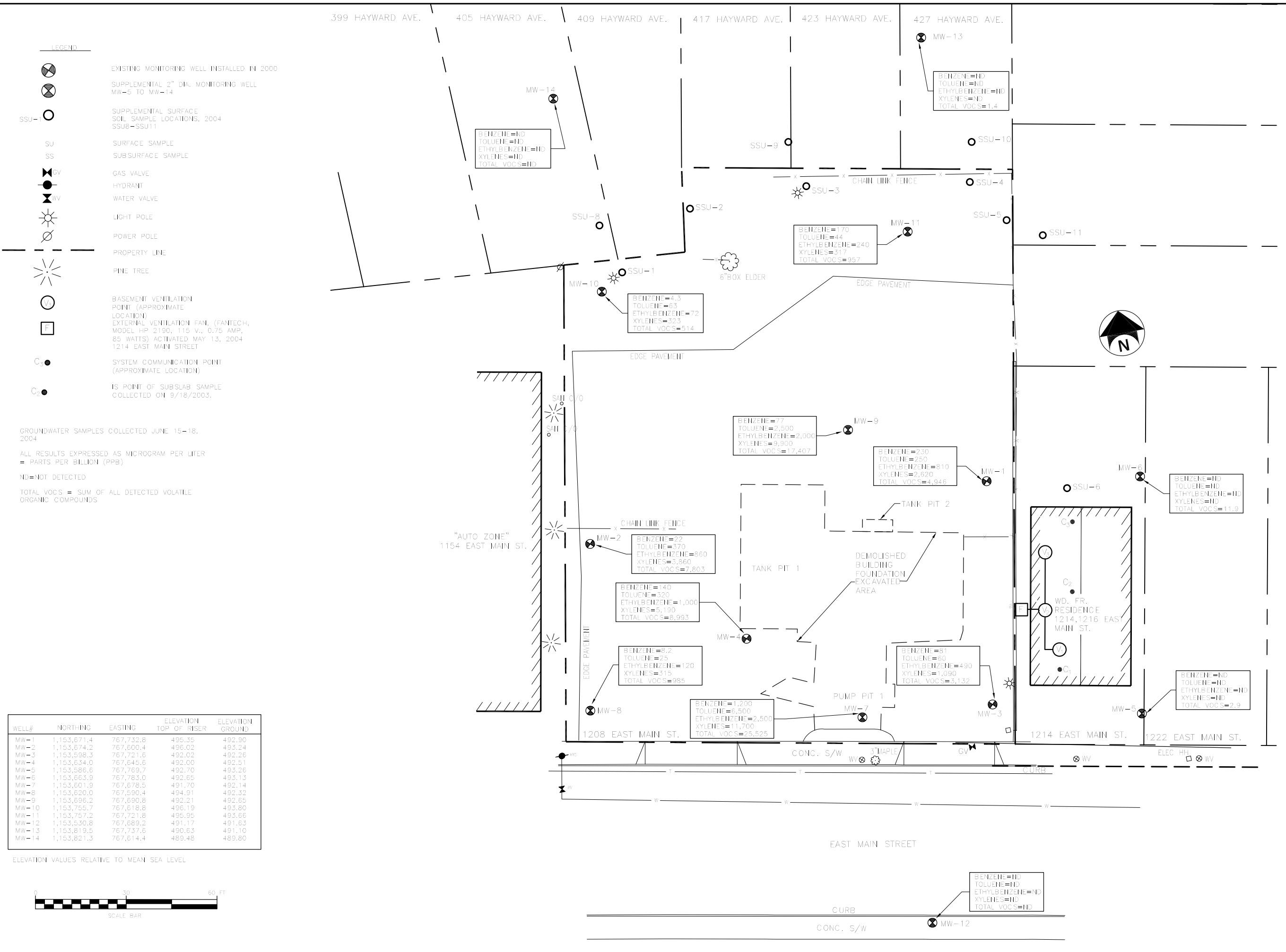
NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**2004 GROUNDWATER
 VOCs ANALYSIS
 SUMMARY POSTINGS
 MAP**

Project Manager: GF
 Designed by: EUJ
 Drawn by: JUJ
 Checked by: GF
 Date Issued: SEPTEMBER 30, 2005
 Scale: AS SHOWN

Project Number: 4453.03 File Name: b:\SURVENV\MAIN\FIG12.DWG
 Drawing Number:

FIG 12



REMEDIATION PROGRAM



REVISIONS

NO.	DATE	DESCRIPTION	REV.	CKD.

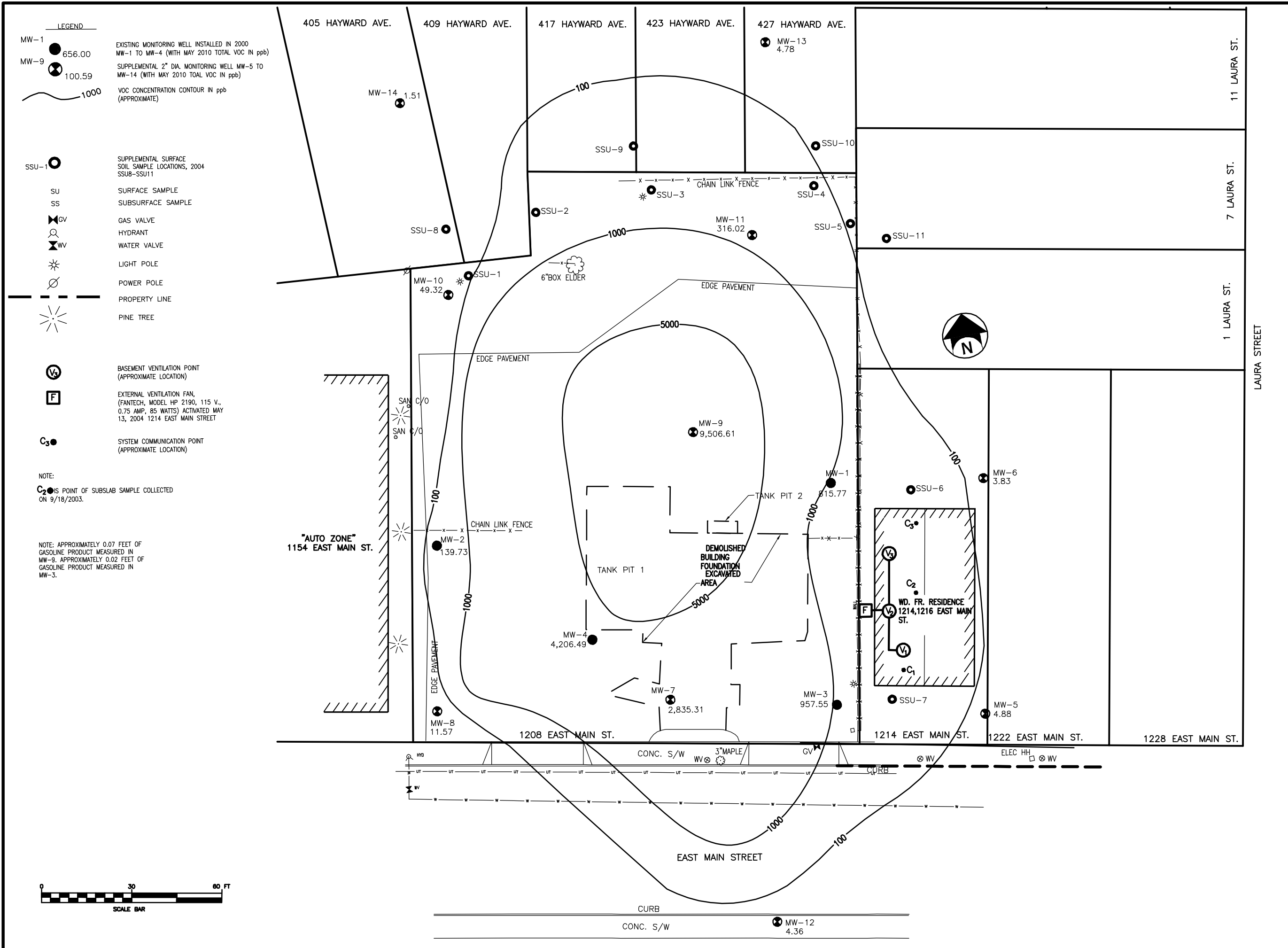
NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

MAY 2010 VOC-GROUNDWATER CONTAMINANT DISTRIBUTION
 MAY 27th & 28th

Project Manager: GF
 Designed by: SD
 Drawn by: CD/CW
 Checked by: SD
 Date Issued: FEBRUARY 2011
 Scale: AS SHOWN

Project Number: 4454.04
 File Name: W:\Water Resources\Jobs\City of Roch\1200 East Main Drawings\February 18, 2011 Submittal\FIG 3 2011.dwg
 Drawing Number:

FIGURE 3



APPENDIX B
LABORATORY ANALYTICAL REPORTS

October 14, 2016

Ms. Jane Forbes
City of Rochester – Division of Environmental Quality
30 Church Street Room 300B
Rochester, NY 14614

Re: 3rd Quarter 2016 Groundwater Monitoring Report
1200 East Main Street
City of Rochester
Monroe County, New York
Brownfield Project B-00129-8
Matrix Project #12-041

Ms. Forbes:

Enclosed is the 3rd Quarter 2016 Groundwater Monitoring Report for the above referenced site. This report includes the most recent groundwater gauging and sampling results from the work performed on August 19, 2016 and August 23-34, 2016.

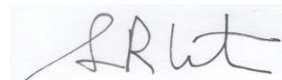
Contaminant mass has significantly decreased as a result of VEGE system operation as evidenced by significant reductions in groundwater VOC concentrations in the onsite monitoring wells. Adjustments to remediation system operation will be evaluated continuously as future site and system data are collected.

The next sampling event is scheduled for November 2016. Should you have any questions or require further information, please contact the undersigned.

Sincerely,
Matrix Environmental Technologies Inc.



Christine Curtis
Project Engineer



Sean R. Carter, P.E.
Principal Engineer

Enclosures

cc: Mr. Stephen DeMeo – Bergmann Associates

GROUNDWATER MONITORING REPORT
3rd Quarter 2016
August 2016

1200 East Main Street
City of Rochester
Brownfield Project B-00129-8

REMEDATION INFORMATION

Vacuum enhanced groundwater extraction (VEGE).

GROUNDWATER MONITORING ACTIVITIES COMPLETED DURING PERIOD

<u>Date</u>	<u>Activities Completed</u>
8/19/16	Completed groundwater elevation gauging in all monitoring wells.
8/23/16 – 8/24/16	Sampled groundwater from select monitoring wells using low-flow sampling techniques. Samples were submitted for laboratory analysis of VOCs via EPA Method 8260 and SVOCs via EPA Method 8270D.

GROUNDWATER MONITORING RESULTS

The VEGE system was activated on May 23, 2016 and the August 2016 quarterly sampling event is the first sampling event completed since that time. The remediation system is operated by Matrix Environmental (METI) and quarterly groundwater elevation gauging and sampling is completed by Bergmann Associates (Bergmann). For additional details on system operation, refer to the May – August 2016 and September 2016 Remediation System Status Reports submitted by METI (September 28, 2016).

A potentiometric surface map under pumping conditions five days prior to the quarterly sampling event is included as Figure 1. The map indicates that pumping from the extraction wells currently has little impact on groundwater flow direction, which appears to be influenced by the presence of more permeable backfill in the excavated area. Drought conditions have resulted in very little groundwater recharge to the bedrock aquifer via precipitation and as a result, dewatering of the shallow bedrock fractures has occurred and liquid flow rates from the extraction wells have generally stabilized at low levels (0.01 to 0.16 gallons per minute). The direction of groundwater flow has historically been mainly to the south and occasionally a divergent flow pattern has been observed, with groundwater flow to the north in the northern portion of the site. The current groundwater flow direction is a radial pattern of the potentiometric surface caused by mounding in the former excavation area.

A comparison of the most recent VOC plume (August 2016, Figure 2) to historical concentrations (refer to Appendix A for historical figures) shows that the groundwater plume footprint has been reduced as a result of system operation. Contaminant mass has decreased as evidenced by significant reductions in groundwater VOC concentrations in monitoring wells in both the center and periphery of the plume, particularly in the southern portion of the site, as shown in the following table:



Groundwater VOC Concentration Range in Onsite Monitoring Wells

Sampling Date	June 2004	March 2012	August 2016
VOC Concentration (µg/L)	957 – 25,525	62.01 – 18,036	ND – 374.7

ND = Not Detected

LNAPL was not detected in any monitoring wells during the August sampling event. Historically, LNAPL has been detected in MW-3, MW-4, MW-7, and MW-9. Refer to Table 1 for a summary of groundwater elevation data and to Tables 2 and 3 for a summary of laboratory analytical results.

As groundwater VOC concentrations continue to decline, hydrocarbon recovery through VEGE system operation will eventually reach asymptotic levels. At this stage, oxygen injection will replace VEGE as bioremediation becomes more efficient than a physical removal processes. Adjustments to remediation system operation will be evaluated continuously as future site and system data are collected.

FUTURE ACTIVITIES

- Groundwater monitoring event to be completed in November 2016.
- Continued operation of VEGE system.

MONITORING

Monitoring Well Type: 2-inch diameter SCH40 PVC

Groundwater Gauging Frequency: Quarterly (MW-1, MW-2, MW-4, MW-7R, MW-9R, MW-11, MW-15R, MW-16)

Sampling Method and Frequency: Quarterly via EPA Method 8260 and EPA Method 8270D

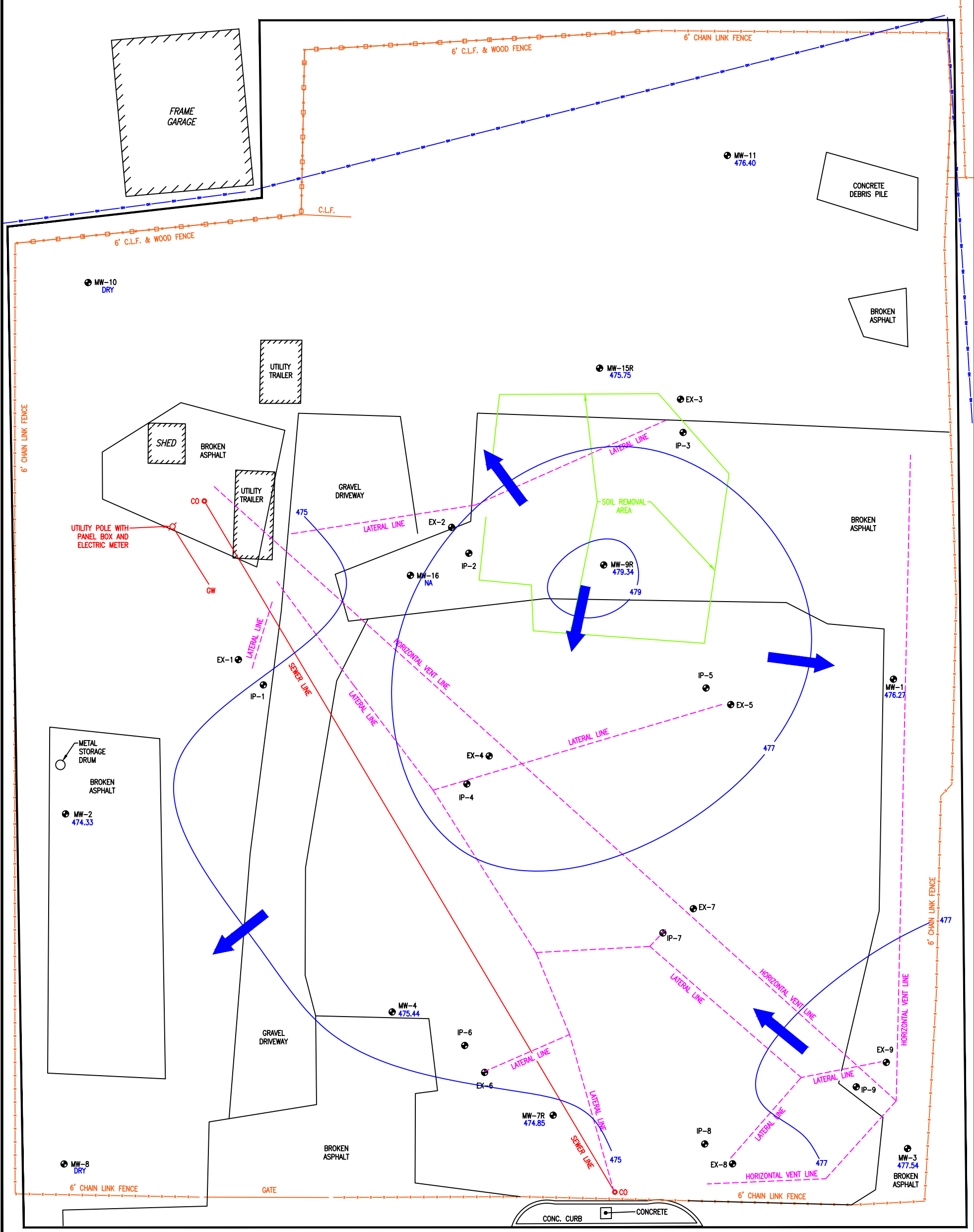
Analytical Laboratory Used: Chemtech (NYSDOH ELAP #11376)

LIST OF ATTACHMENTS

- Figure 1: Groundwater Potentiometric Surface Map – August 19, 2016
- Figure 2: Groundwater VOC and SVOC Concentrations – August 23-24, 2016
- Table 1: Groundwater Elevations Summary
- Table 2: Groundwater VOC Data Summary
- Table 3: Groundwater SVOC Data Summary
- Attachment A: Pre-Remediation Groundwater VOC Concentrations
- Attachment B: Laboratory Analytical Reports

FIGURES

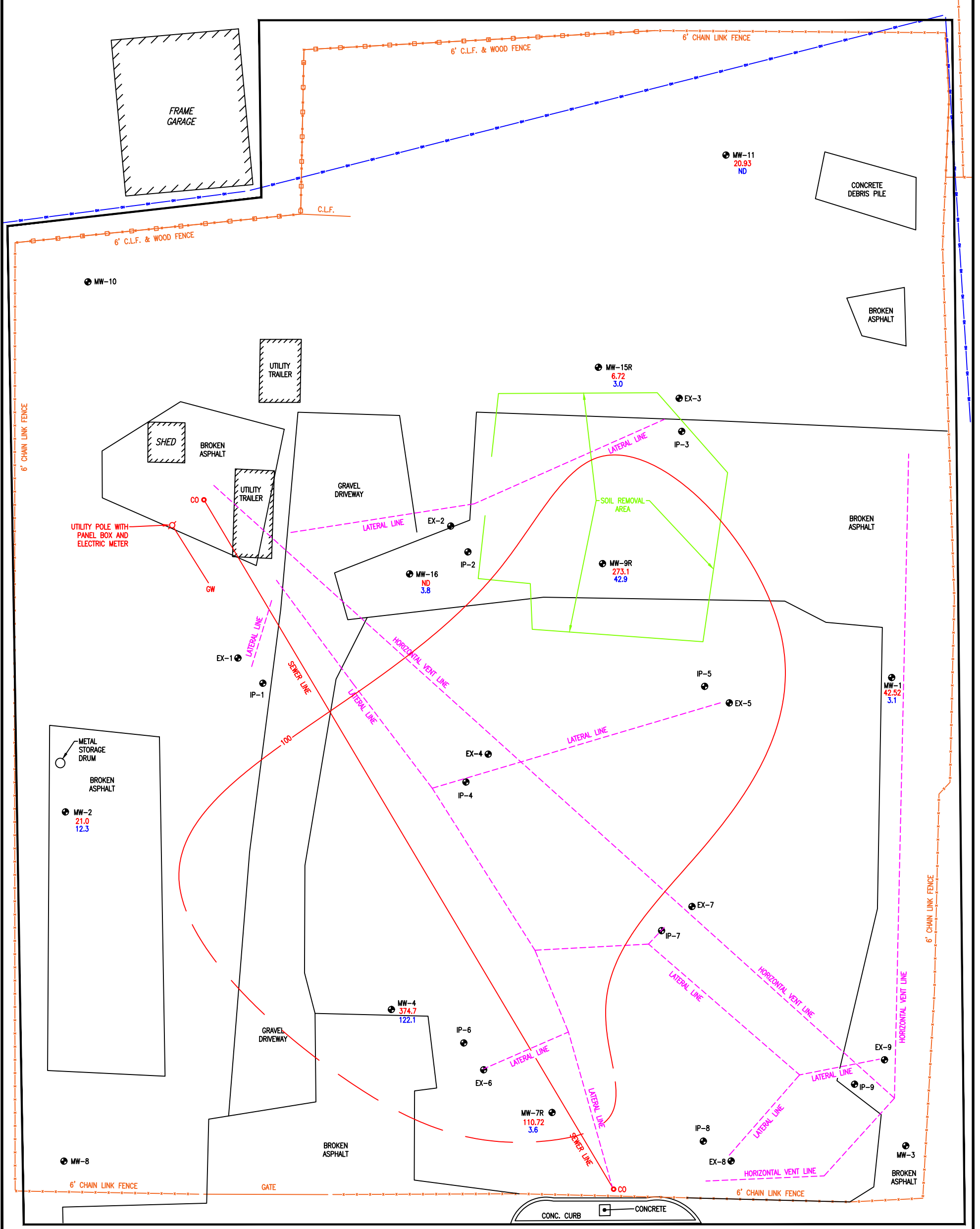
FIGURE: 1	TITLE: Groundwater Potentiometric Surface Map	PROJECT NAME / LOCATION: 1200 East Main Street City of Rochester, New York Brownfield Project B-00129-8	REVISION BY: C. Curtis DATE: 10/13/16	PROJECT MGR: S. Marchetti DESIGNED BY: S. Carter REVIEWED BY: S. Marchetti DRAWN BY: Bergmann Associates	PREPARED FOR: City of Rochester	PREPARED BY: MATRIX ENVIRONMENTAL TECHNOLOGIES INC. 3730 California Road P.O. Box 427 Orchard Park, NY 14127 p:716.662.0745 www.matrixbiotech.com
DATE: August 19, 2016						
PROJECT NO.: 12-041			SCALE IN FEET: 1" = 10' 0 10'			



CONCRETE SIDEWALK
CONCRETE SIDEWALK
GRANITE CURB
EAST MAIN STREET
(60' WIDE)



FIGURE: 2	TITLE: Groundwater VOC and SVOC Concentrations	PROJECT NAME / LOCATION: 1200 East Main Street City of Rochester, New York Brownfield Project B-00129-8	REVISION BY: C. Curtis DATE: 10/13/16	PROJECT MGR: S. Marchetti DESIGNED BY: S. Carter REVIEWED BY: S. Marchetti DRAWN BY: Bergmann Associates	PREPARED FOR: City of Rochester	PREPARED BY: MATRIX ENVIRONMENTAL TECHNOLOGIES INC. 3730 California Road P.O. Box 427 Orchard Park, NY 14127 p:716.662.0745 www.matrixbiotech.com
DATE: August 23-24, 2016			SCALE IN FEET: 1" = 10' 0 10'			
PROJECT NO.: 12-041						



CONCRETE SIDEWALK
CONC. CURB
CONCRETE
GATE
GRAVEL DRIVEWAY
BROKEN ASPHALT
EAST MAIN STREET
(60' WIDE)



LEGEND

● MW-3	Well ID
110.72	VOC Concentration (ug/L)
3.6	SVOC Concentration (ug/L)
~	VOC Concentration Contour (ug/L)

TABLES

Table 1
City of Rochester - Division of Environmental Quality
1200 East Main Street
Groundwater Elevation Data - August 2016

Monitoring Well Number	Date Gauged	Total Depth of Well (ft.)	Monitoring Well Diameter (in.)	Top of Casing Reference Elevation (ft.)	Depth to Product (ft.)	Depth to Water (ft.)	Product Thickness (ft.)	Adjusted Groundwater Depth (ft.)	Calculated Groundwater Elevation (ft.)
MW-1	8/19/2016	24.08	2.00	495.35		19.08	0.00	19.08	476.27
MW-2	8/19/2016	24.19	2.00	496.02		21.69	0.00	21.69	474.33
MW-3	8/19/2016	21.79	2.00	492.02		14.48	0.00	14.48	477.54
MW-4	8/19/2016	21.12	2.00	492.00		16.56	0.00	16.56	475.44
MW-5	8/19/2016	24.51	2.00	492.70		14.78	0.00	14.78	477.92
MW-6	8/19/2016	23.59	2.00	492.65		15.43	0.00	15.43	477.22
MW-7R	8/19/2016	22.50	2.00	491.97		17.12	0.00	17.12	474.85
MW-8	8/19/2016	22.20	2.00	494.91		DRY	0.00	DRY	DRY
MW-9R	8/19/2016	23.47	2.00	492.41		13.07	0.00	13.07	479.34
MW-10	8/19/2016	26.49	2.00	Unknown		DRY	0.00	DRY	DRY
MW-11	8/19/2016	28.80	2.00	495.95		19.55	0.00	19.55	476.40
MW-12	8/19/2016	22.03	2.00	491.17		17.34	0.00	17.34	473.83
MW-13	8/19/2016	22.80	2.00	490.63		14.28	0.00	Inaccessible	Inaccessible
MW-14	8/19/2016	19.70	2.00	489.48		13.98	0.00	Inaccessible	Inaccessible
MW-15R	8/19/2016	23.16	2.00	492.54		16.79	0.00	16.79	475.75
MW-16	8/19/2016	23.40	2.00	Unknown		16.70	0.00	NA	NA

TABLE 2.
Groundwater VOC Data Summary
EPA Method 8260 (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-4	MW-7R	MW-9R	MW-11	DUP	MW-15R	MW-16
Sampling Date	8/23/2016	8/24/2016	8/24/2016	8/24/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016
COMPOUND									
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	18.3	ND	ND	ND	ND	ND	ND	ND
Benzene	0.96	ND	26.9	44	1.4	7.7	8	0.71	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ND	ND	ND	0.96	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	16.9	ND	52	6.8	7.6	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Benzene	4	ND	110	44	37.2	1.3	1.3	0.71	ND
Isopropylbenzene	1.6	ND	8.4	2.3	2.4	2.6	2.6	ND	ND
m/p-Xylenes	11.7	ND	130	7.7	190	7.4	6.9	3.9	ND
Methyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl Ether	ND	2.7	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	3.8	ND	31	1.3	2.3	ND	ND	0.7	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	3	ND	14.7	2.8	29	1.1	0.99	0.7	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
t-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.56	ND	2.4	0.86	3.2	0.83	0.81	ND	ND

TABLE 2.
Groundwater VOC Data Summary
EPA Method 8260 (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-4	MW-7R	MW-9R	MW-11	DUP	MW-15R	MW-16
Sampling Date	8/23/2016	8/24/2016	8/24/2016	8/24/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016
COMPOUND									
Total Xylenes	14.7	ND	144	10.5	219	8.5	7.89	4.6	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	42.52	21.0	374.7	110.72	273.1	20.93	20.6	6.72	ND

Total TICs	154.51	ND	706.2	276.52	423.95	146.08	129.36	18.0	ND
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NOTES:

DUP = Duplicate

ND = Not Detected

TICs = Tentatively Identified Compounds

TABLE 3.
Groundwater SVOC Data Summary
EPA Method 8270D (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-4	MW-7R	MW-9R	MW-11	DUP	MW-15R	MW-16
Sampling Date	8/23/2016	8/24/2016	8/24/2016	8/24/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016
COMPOUND									
1,1-Biphenyl	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,3,4,6-Tetrachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND	12.2	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	42.3	ND	8.1	ND	ND	ND	ND
2-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,4-Methylphenols	ND	ND	ND	ND	2.5	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Atrazine	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	ND	ND	5.2	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3.
Groundwater SVOC Data Summary
EPA Method 8270D (µg/L)

1200 East Main Street
City of Rochester
Monroe County, NY

Sample ID	MW-1	MW-2	MW-4	MW-7R	MW-9R	MW-11	DUP	MW-15R	MW-16
Sampling Date	8/23/2016	8/24/2016	8/24/2016	8/24/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016	8/23/2016
COMPOUND									
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	3.1	12.3	23.5	3.6	4.9	ND	4.7	3.0	3.8
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	51.1	ND	15.2	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitroso-di-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	3.1	12.3	122.1	3.6	42.9	ND	4.7	3.0	3.8

Total TICs	132.4	197.7	785.6	256.2	544.1	138.6	97.9	166.6	91.4
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NOTES:

DUP = Duplicate

ND = Not Detected

TICs = Tentative Identified Compounds

APPENDIX A
PRE-REMEDATION GROUNDWATER VOC CONCENTRATIONS

**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



REVISIONS

NO.	DATE	DESCRIPTION	REV.	CK'D

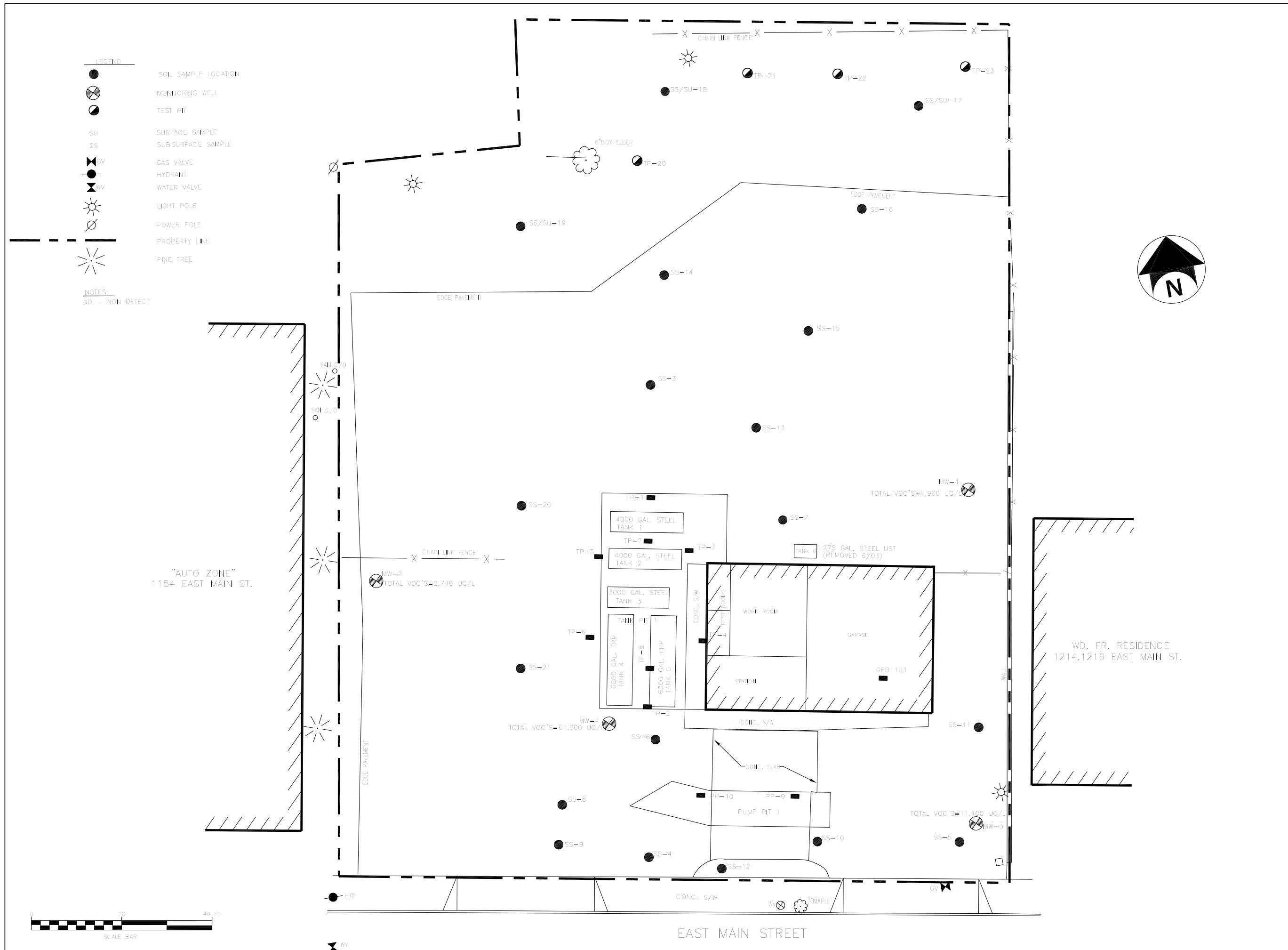
NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**2000 GROUNDWATER
 TOTAL VOCs ANALYSIS
 SUMMARY
 POSTINGS MAP**

Project Manager: GF
 Designed by: TSB
 Drawn by: TSB
 Checked by: JIM
 Date Issued: SEPTEMBER 30, 2005
 Scale: AS SHOWN

Project Number: 4453.03 File Name: ISURLENVMAINFIG10.DWG
 Drawing Number:

FIG 10



**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CHK'D

NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**2003 GROUNDWATER
 VOCs ANALYSIS
 SUMMARY POSTINGS
 MAP**

Project Manager: GF
 Designed by: EUJ
 Drawn by: TSB
 Checked by: GF
 Date Issued: SEPTEMBER 30, 2005
 Scale: AS SHOWN

Project Number: 4453.03 File Name: I:\SURL\EN\MAIN\FIG11.DWG
 Drawing Number:

FIG 11

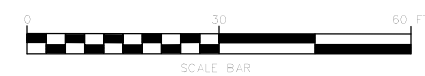
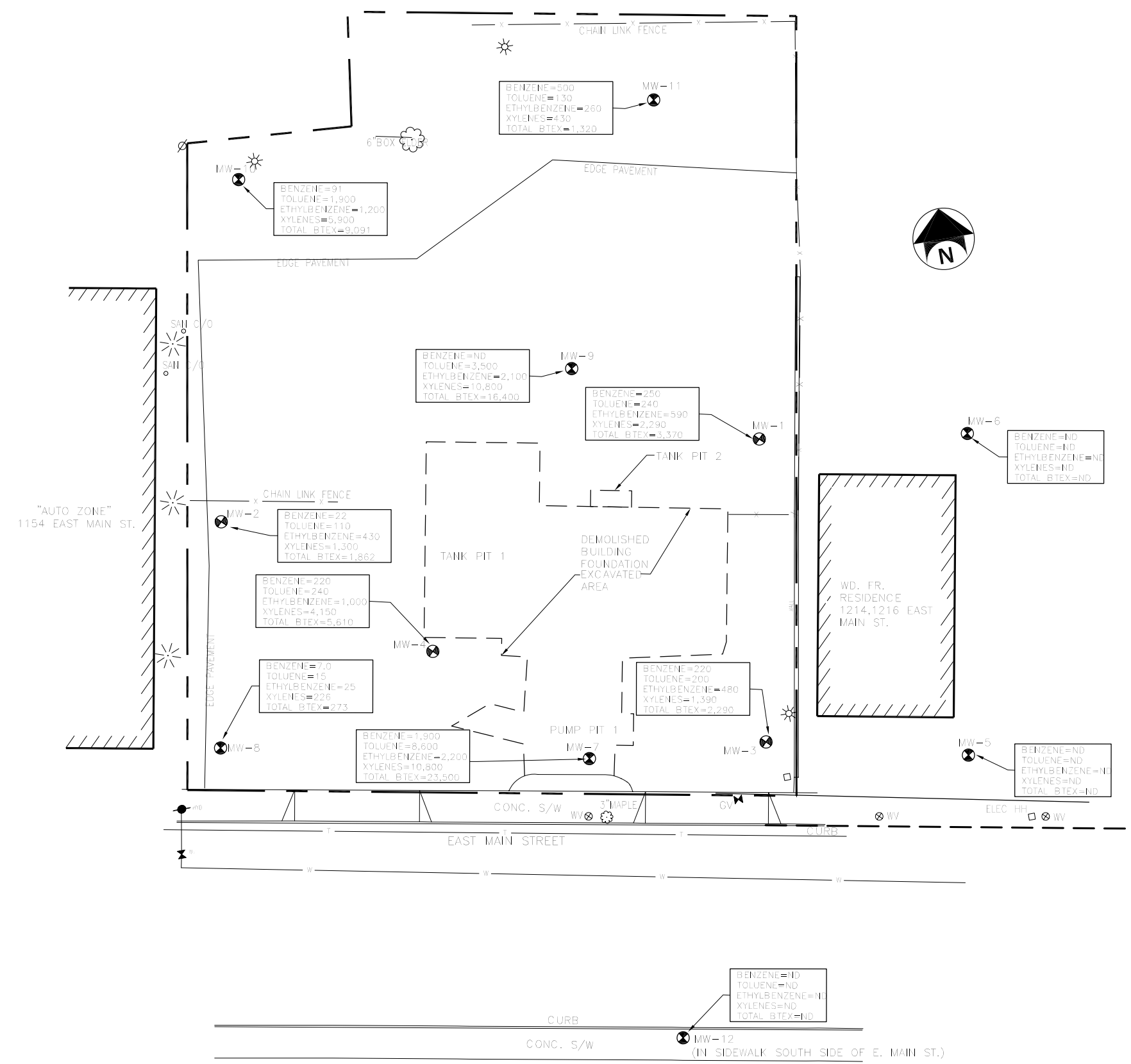
LEGEND

- EXISTING MONITORING WELL INSTALLED IN 2000 MW-1 TO MW-4
- SUPPLEMENTAL 2" DIA. MONITORING WELL MW-5 TO MW-12
- GAS VALVE
- HYDRANT
- WATER VALVE
- LIGHT POLE
- POWER POLE
- PROPERTY LINE
- PINE TREE

GROUNDWATER SAMPLES COLLECTED SEPT. 4-8, 2003
 ALL RESULTS EXPRESSED AS MICROGRAM PER LITER
 = PARTS PER BILLION (PPB)
 ND=NOT DETECTED
 RESULTS FOR PETROLEUM VOCs ONLY
 TOTAL BTEX = SUM OF DETECTED BENZENE, TOLUENE,
 ETHYLBENZENE AND XYLENES

WELL #	NORTHING	EASTING	ELEVATION TOP OF RISER	ELEVATION GROUND
MW-1	1,153,671.4	767,732.8	495.35	492.90
MW-2	1,153,674.2	767,600.4	496.02	493.24
MW-3	1,153,598.3	767,721.6	492.02	492.26
MW-4	1,153,634.0	767,645.6	492.00	492.51
MW-5	1,153,586.6	767,769.7	492.70	493.26
MW-6	1,153,663.9	767,783.0	492.65	493.13
MW-7	1,153,601.9	767,678.5	491.70	492.14
MW-8	1,153,620.0	767,590.4	494.91	492.32
MW-9	1,153,696.2	767,690.8	492.21	492.65
MW-10	1,153,755.7	767,618.8	496.19	493.80
MW-11	1,153,757.2	767,721.8	495.95	493.66
MW-12	1,153,530.8	767,689.2	491.17	491.63

ELEVATION VALUES RELATIVE TO MEAN SEA LEVEL



**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



REVISIONS

NO.	DATE	DESCRIPTION	REV.	CHKD

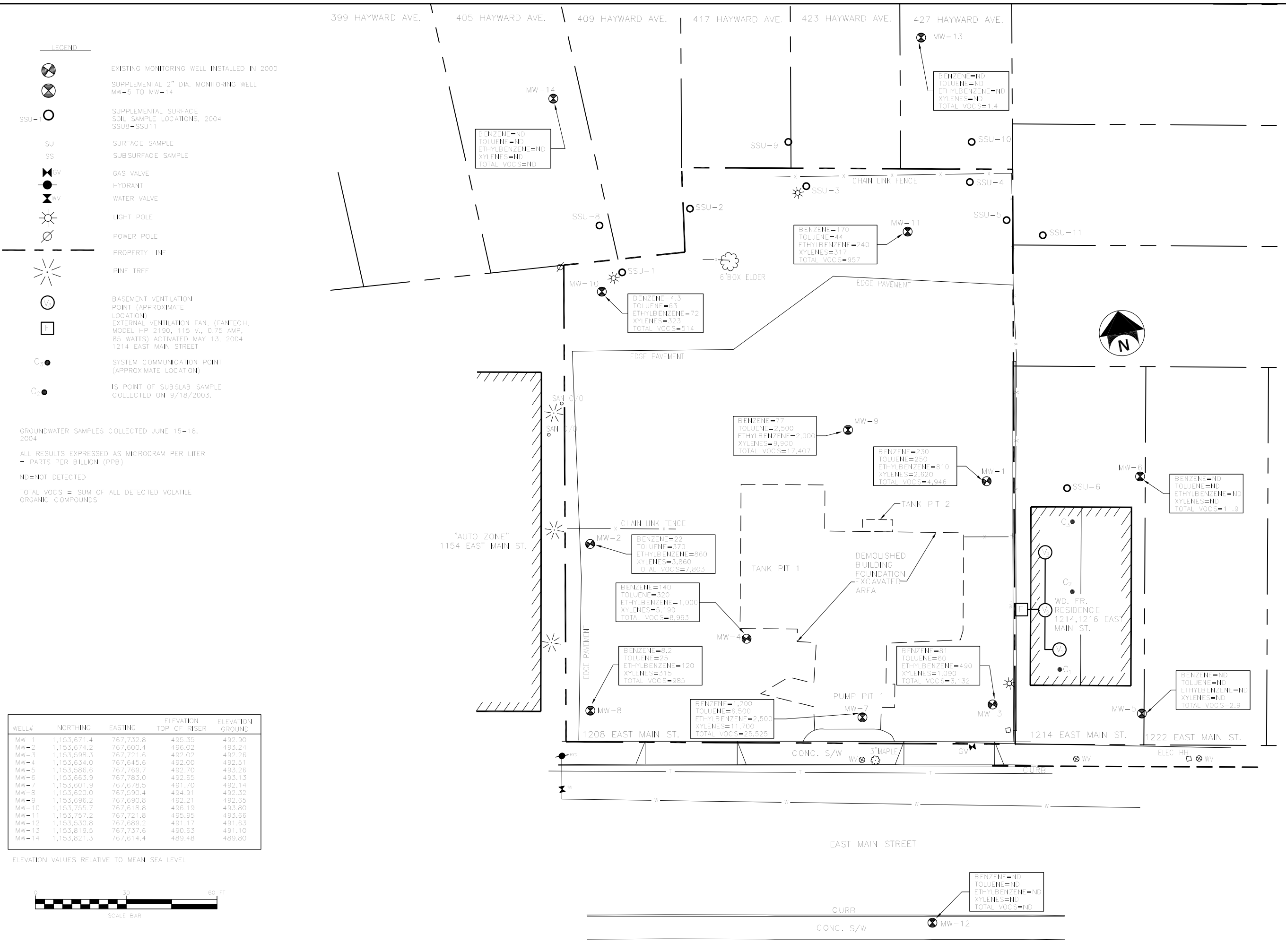
NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**2004 GROUNDWATER
 VOCs ANALYSIS
 SUMMARY POSTINGS
 MAP**

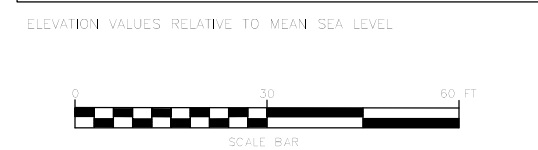
Project Manager: GF
 Designed by: EUJ
 Drawn by: JUJ
 Checked by: GF
 Date Issued: SEPTEMBER 30, 2005
 Scale: AS SHOWN

Project Number: 4453.03 File Name: b:\SURVEN\MAIN\FIG12.DWG
 Drawing Number:

FIG 12



WELL#	NORTHING	EASTING	ELEVATION TOP OF RISER	ELEVATION GROUND
MW-1	1,153,671.4	767,732.8	495.35	492.90
MW-2	1,153,674.2	767,600.4	496.02	493.24
MW-3	1,153,598.3	767,721.6	492.02	492.26
MW-4	1,153,634.0	767,645.6	492.00	492.51
MW-5	1,153,586.6	767,769.7	492.70	493.26
MW-6	1,153,663.9	767,783.0	492.65	493.13
MW-7	1,153,601.9	767,678.5	491.70	492.14
MW-8	1,153,620.0	767,590.4	494.91	492.32
MW-9	1,153,696.2	767,690.8	492.21	492.65
MW-10	1,153,755.7	767,618.8	496.19	493.80
MW-11	1,153,757.2	767,721.8	495.95	493.66
MW-12	1,153,530.8	767,689.2	491.17	491.63
MW-13	1,153,819.5	767,737.6	490.63	491.10
MW-14	1,153,821.3	767,614.4	489.48	489.80



APPENDIX B
LABORATORY ANALYTICAL REPORTS

ANALYTICAL RESULTS SUMMARY

SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 1200 E. MAIN ST.

BERGMANN ASSOCIATES

28 East Main Street

200 First Federal Plaza

Rochester, NY - 14614

Phone No: 585-232-5137

ORDER ID : H4592

ATTENTION : Stephen DeMeo



DoD ELAP

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SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H4592-01	Water	08/23/16	08/25/16	08/25/16	08/25/16
H4592-02	Water	08/23/16	08/25/16	08/25/16	08/25/16
H4592-03	Water	08/23/16	08/25/16	08/25/16	08/25/16
H4592-04	Water	08/23/16	08/25/16	08/25/16	08/25/16
H4592-05	Water	08/23/16	08/25/16	08/25/16	08/25/16
H4592-06	Water	08/23/16	08/25/16	08/25/16	08/25/16
H4592-07	Water	08/24/16	08/25/16	08/25/16	08/25/16
H4592-08	Water	08/24/16	08/25/16	08/25/16	08/25/16
H4592-09	Water	08/24/16	08/25/16	08/25/16	08/26/16

* Details For Test : SVOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H4592-01	Water	08/23/16	08/25/16		08/25/16
H4592-02	Water	08/23/16	08/25/16		08/25/16
H4592-03	Water	08/23/16	08/25/16		08/25/16
H4592-04	Water	08/23/16	08/25/16		08/26/16
H4592-05	Water	08/23/16	08/25/16		08/26/16
H4592-06	Water	08/23/16	08/25/16		08/26/16
H4592-07	Water	08/24/16	08/25/16		08/26/16
H4592-08	Water	08/24/16	08/25/16		08/26/16
H4592-09	Water	08/24/16	08/25/16		08/26/16
H4592-10	Water	08/24/16	08/25/16		08/25/16

* Details For Test : VOCMS Group1

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H4592-01	Water	8260-Low	5030		
H4592-02	Water	8260-Low	5030		
H4592-03	Water	8260-Low	5030		
H4592-04	Water	8260-Low	5030		
H4592-05	Water	8260-Low	5030		
H4592-06	Water	8260-Low	5030		
H4592-07	Water	8260-Low	5030		
H4592-08	Water	8260-Low	5030		
H4592-09	Water	8260-Low	5030		
H4592-10	Water	8260-Low	5030		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H4592-01	Water	8270D	3540		
H4592-02	Water	8270D	3540		
H4592-03	Water	8270D	3540		
H4592-04	Water	8270D	3540		
H4592-05	Water	8270D	3540		
H4592-06	Water	8270D	3540		
H4592-07	Water	8270D	3540		
H4592-08	Water	8270D	3540		
H4592-09	Water	8270D	3540		

Cover Page

Order ID : H4592

Project ID : 1200 E. Main St.

Client : Bergmann Associates

Lab Sample Number

H4592-01
H4592-02
H4592-03
H4592-04
H4592-05
H4592-06
H4592-07
H4592-08
H4592-09
H4592-10

Client Sample Number

MW-16
MW-11
DUPLICATE
MW-15R
MW-1
MW-9R
MW-2
MW-7R
MW-4
TRIPBLANK

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

Signature : _____



APPROVED

Date: 8/31/2016
By Mildred V Reyes, QAQC Supervisor at 3:09 pm, Sep 07, 2016

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Bergmann Associates

Project Name: 1200 E. Main St.

Project # N/A

Chemtech Project # H4592

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

10 Water samples were received on 08/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868. The analysis of VOCMS Group1 was based on method 8260-Low.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 82U081616W.M) for Bromomethane , Methylene Chloride, Cyclohexane, 2-Hexanone, Tetrachloroethene, these compounds are passing on Linear regression .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_

**APPROVED***By Mildred V Reyes, QAQC Supervisor at 3:09 pm, Sep 07, 2016*

CASE NARRATIVE

Bergmann Associates

Project Name: 1200 E. Main St.

Project # N/A

Chemtech Project # H4592

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

10 Water samples were received on 08/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {H4588-04MS} with File ID: BG023907.D recoveries met the requirements for all compounds except for 1,2,4,5-Tetrachlorobenzene[55%], 1,4-Dioxane[26%], 3,3-Dichlorobenzidine[0%] and 2,3,4,6-Tetrachlorophenol[71%].

The MSD {H4588-05MSD} with File ID: BG023908.D recoveries met the acceptable requirements except for 1,2,4,5-Tetrachlorobenzene[56%], 1,4-Dioxane[29%], 3,3-Dichlorobenzidine [0%] and 2,3,4,6-Tetrachlorophenol[71%].

The RPD for {H4588-05MSD} with File ID: BG023908.D recoveries met criteria except for 3-Nitroaniline [30%], 4-Chloroaniline[43%]. MS, MSD recovery failed due to bad sample matrix.

The Blank Spike for {PB93089BS} with File ID: BG023919.D met requirements for all samples except for 2,4-Dinitrophenol[33%], Hexachlorocyclopentadiene[25%] and Pentachlorophenol[31%].

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BG080116.M) for Fluoranthene, Pyrene, Di-n-butylphthalate, Terphenyl-d14 these compounds are

passing on Linear regression while Benzaldehyde this compound is passing on Quadratic regression.

The Continuous Calibration File ID BG023896.D met the requirements except for 4-Nitrophenol .The Continuous Calibration File ID BG023911.D met the requirements except for 4-Nitrophenol, 2,4-Dinitrophenol .

The Tuning criteria met requirements.

E. Additional Comments:

Due to limited Sample volume, less initial volume was taken for the Extraction for sample no.MW-2.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_ 

APPROVED

By Mildred V Reyes, QAQC Supervisor at 3:09 pm, Sep 07, 2016

LAB CHRONICLE

OrderID: H4592	OrderDate: 8/25/2016 9:47:26 AM
Client: Bergmann Associates	Project: 1200 E. Main St.
Contact: Stephen DeMeo	Location: L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H4592-01	MW-16	Water	VOCMS Group1	8260-Low	08/23/16		08/25/16	08/25/16
H4592-02	MW-11	Water	VOCMS Group1	8260-Low	08/23/16		08/25/16	08/25/16
H4592-03	DUPLICATE	Water	VOCMS Group1	8260-Low	08/23/16		08/25/16	08/25/16
H4592-04	MW-15R	Water	VOCMS Group1	8260-Low	08/23/16		08/26/16	08/25/16
H4592-05	MW-1	Water	VOCMS Group1	8260-Low	08/23/16		08/26/16	08/25/16
H4592-06	MW-9R	Water	VOCMS Group1	8260-Low	08/23/16		08/26/16	08/25/16
H4592-07	MW-2	Water	VOCMS Group1	8260-Low	08/24/16		08/26/16	08/25/16
H4592-08	MW-7R	Water	VOCMS Group1	8260-Low	08/24/16		08/26/16	08/25/16
H4592-09	MW-4	Water	VOCMS Group1	8260-Low	08/24/16		08/26/16	08/25/16
H4592-10	TRIPBLANK	Water	VOCMS Group1	8260-Low	08/24/16		08/25/16	08/25/16

Hit Summary Sheet
SW-846

SDG No.: H4592

Client: Bergmann Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	MW-11								
H4592-02	MW-11	Water	Benzene	7.70		0.2	0.2	1	ug/L
H4592-02	MW-11	Water	Toluene	0.83	J	0.2	0.2	1	ug/L
H4592-02	MW-11	Water	Ethyl Benzene	1.30		0.2	0.2	1	ug/L
H4592-02	MW-11	Water	Total Xylenes	8.50		0.6	0.6	3	ug/L
H4592-02	MW-11	Water	m/p-Xylenes	7.40		0.4	0.4	2	ug/L
H4592-02	MW-11	Water	o-Xylene	1.10		0.2	0.2	1	ug/L
H4592-02	MW-11	Water	Isopropylbenzene	2.60		0.2	0.2	1	ug/L
			Total Voc :	20.93					
H4592-02	MW-11	Water	Butane, 2-methyl-	* 39.50	J	0		0	ug/L
H4592-02	MW-11	Water	Butane, 2,3-dimethyl-	* 25.60	J	0		0	ug/L
H4592-02	MW-11	Water	Benzene, 1,2,4,5-tetramethyl-	* 7.60	J	0		0	ug/L
H4592-02	MW-11	Water	Pentane, 3-methyl-	* 7.60	J	0		0	ug/L
H4592-02	MW-11	Water	Cyclopentane, methyl-	* 8.80	J	0		0	ug/L
H4592-02	MW-11	Water	Indane	* 17.40	J	0		0	ug/L
H4592-02	MW-11	Water	Benzene, 1-ethenyl-4-ethyl-	* 19.20	J	0		0	ug/L
H4592-02	MW-11	Water	Benzene, 1-ethenyl-3-ethyl-	* 13.60	J	0		0	ug/L
H4592-02	MW-11	Water	n-propylbenzene	* 1.40	J	0.2		1	ug/L
H4592-02	MW-11	Water	1,3,5-Trimethylbenzene	* 1.10	J	0.2		1	ug/L
H4592-02	MW-11	Water	1,2,4-Trimethylbenzene	* 3.80	J	0.2		1	ug/L
H4592-02	MW-11	Water	sec-Butylbenzene	* 0.48	J	0.2		1	ug/L
			Total Tics :	146.08					
			Total Concentration:	167.01					
Client ID:	DUPLICATE								
H4592-03	DUPLICATE	Water	Benzene	8.00		0.2	0.2	1	ug/L
H4592-03	DUPLICATE	Water	Toluene	0.81	J	0.2	0.2	1	ug/L
H4592-03	DUPLICATE	Water	Ethyl Benzene	1.30		0.2	0.2	1	ug/L
H4592-03	DUPLICATE	Water	Total Xylenes	7.89		0.6	0.6	3	ug/L
H4592-03	DUPLICATE	Water	m/p-Xylenes	6.90		0.4	0.4	2	ug/L
H4592-03	DUPLICATE	Water	o-Xylene	0.99	J	0.2	0.2	1	ug/L
H4592-03	DUPLICATE	Water	Isopropylbenzene	2.60		0.2	0.2	1	ug/L
			Total Voc :	20.6					
H4592-03	DUPLICATE	Water	Butane, 2-methyl-	* 32.60	J	0		0	ug/L
H4592-03	DUPLICATE	Water	Butane, 2,3-dimethyl-	* 21.60	J	0		0	ug/L
H4592-03	DUPLICATE	Water	Benzene, 1,2,4,5-tetramethyl-	* 6.70	J	0		0	ug/L
H4592-03	DUPLICATE	Water	Cyclopentane, methyl-	* 7.40	J	0		0	ug/L
H4592-03	DUPLICATE	Water	Benzene, 1-ethenyl-4-ethyl-	* 18.40	J	0		0	ug/L
H4592-03	DUPLICATE	Water	Benzene, 1-ethenyl-3-ethyl-	* 13.20	J	0		0	ug/L

Hit Summary Sheet SW-846

 SDG No.: H4592

 Client: Bergmann Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H4592-03	DUPLICATE	Water	Hexane, 2,2,3-trimethyl-	* 6.00	J	0		0	ug/L
H4592-03	DUPLICATE	Water	trans-Cinnamyl bromide	* 17.40	J	0		0	ug/L
H4592-03	DUPLICATE	Water	n-propylbenzene	* 1.20	J	0.2		1	ug/L
H4592-03	DUPLICATE	Water	1,3,5-Trimethylbenzene	* 1.10	J	0.2		1	ug/L
H4592-03	DUPLICATE	Water	1,2,4-Trimethylbenzene	* 3.30	J	0.2		1	ug/L
H4592-03	DUPLICATE	Water	sec-Butylbenzene	* 0.46	J	0.2		1	ug/L
Total Tics :				129.36					
Total Concentration:				149.96					
Client ID:	MW-15R								
H4592-04	MW-15R	Water	Methylcyclohexane	0.70	J	0.2	0.2	1	ug/L
H4592-04	MW-15R	Water	Benzene	0.71	J	0.2	0.2	1	ug/L
H4592-04	MW-15R	Water	Ethyl Benzene	0.71	J	0.2	0.2	1	ug/L
H4592-04	MW-15R	Water	Total Xylenes	4.60		0.6	0.6	3	ug/L
H4592-04	MW-15R	Water	m/p-Xylenes	3.90		0.4	0.4	2	ug/L
H4592-04	MW-15R	Water	o-Xylene	0.70	J	0.2	0.2	1	ug/L
Total Voc :				6.72					
H4592-04	MW-15R	Water	Butane, 2-methyl-	* 5.60	J	0		0	ug/L
H4592-04	MW-15R	Water	1H-Indene, 2,3-dihydro-5-meth	* 5.20	J	0		0	ug/L
H4592-04	MW-15R	Water	n-propylbenzene	* 0.30	J	0.2		1	ug/L
H4592-04	MW-15R	Water	1,3,5-Trimethylbenzene	* 2.60	J	0.2		1	ug/L
H4592-04	MW-15R	Water	1,2,4-Trimethylbenzene	* 4.30	J	0.2		1	ug/L
Total Tics :				18					
Total Concentration:				24.72					
Client ID:	MW-1								
H4592-05	MW-1	Water	Cyclohexane	16.90		0.2	0.2	1	ug/L
H4592-05	MW-1	Water	Methylcyclohexane	3.80		0.2	0.2	1	ug/L
H4592-05	MW-1	Water	Benzene	0.96	J	0.2	0.2	1	ug/L
H4592-05	MW-1	Water	Toluene	0.56	J	0.2	0.2	1	ug/L
H4592-05	MW-1	Water	Ethyl Benzene	4.00		0.2	0.2	1	ug/L
H4592-05	MW-1	Water	Total Xylenes	14.70		0.6	0.6	3	ug/L
H4592-05	MW-1	Water	m/p-Xylenes	11.70		0.4	0.4	2	ug/L
H4592-05	MW-1	Water	o-Xylene	3.00		0.2	0.2	1	ug/L
H4592-05	MW-1	Water	Isopropylbenzene	1.60		0.2	0.2	1	ug/L
Total Voc :				42.52					
H4592-05	MW-1	Water	Butane, 2-methyl-	* 51.60	J	0		0	ug/L
H4592-05	MW-1	Water	Pentane, 3-methyl-	* 8.90	J	0		0	ug/L
H4592-05	MW-1	Water	Cyclopentane, methyl-	* 26.00	J	0		0	ug/L
H4592-05	MW-1	Water	Pentane	* 5.70	J	0		0	ug/L

Hit Summary Sheet
SW-846

SDG No.: H4592

Client: Bergmann Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H4592-05	MW-1	Water	Indane	* 19.50	J	0		0	ug/L
H4592-05	MW-1	Water	Benzene, 1-ethyl-2-methyl-	* 14.00	J	0		0	ug/L
H4592-05	MW-1	Water	4-Methyl-1,3-pentadiene	* 6.10	J	0		0	ug/L
H4592-05	MW-1	Water	Cyclobutane, (1-methylethylidene)	* 6.50	J	0		0	ug/L
H4592-05	MW-1	Water	Benzene, 2-ethenyl-1,4-dimethyl-	* 8.50	J	0		0	ug/L
H4592-05	MW-1	Water	n-propylbenzene	* 1.70	J	0.2		1	ug/L
H4592-05	MW-1	Water	1,3,5-Trimethylbenzene	* 1.00	J	0.2		1	ug/L
H4592-05	MW-1	Water	1,2,4-Trimethylbenzene	* 4.80	J	0.2		1	ug/L
H4592-05	MW-1	Water	sec-Butylbenzene	* 0.21	J	0.2		1	ug/L
Total Tics :				154.51					
Total Concentration:				197.03					
Client ID:	MW-9R								
H4592-06	MW-9R	Water	Cyclohexane	7.60		0.2	0.2	1	ug/L
H4592-06	MW-9R	Water	Methylcyclohexane	2.30		0.2	0.2	1	ug/L
H4592-06	MW-9R	Water	Benzene	1.40		0.2	0.2	1	ug/L
H4592-06	MW-9R	Water	Toluene	3.20		0.2	0.2	1	ug/L
H4592-06	MW-9R	Water	Ethyl Benzene	37.20		0.2	0.2	1	ug/L
H4592-06	MW-9R	Water	Total Xylenes	219.00		0.6	0.6	3	ug/L
H4592-06	MW-9R	Water	m/p-Xylenes	190.00		0.4	0.4	2	ug/L
H4592-06	MW-9R	Water	o-Xylene	29.00		0.2	0.2	1	ug/L
H4592-06	MW-9R	Water	Isopropylbenzene	2.40		0.2	0.2	1	ug/L
Total Voc :				273.1					
H4592-06	MW-9R	Water	Butane, 2-methyl-	* 95.80	J	0		0	ug/L
H4592-06	MW-9R	Water	Pentane, 3-methyl-	* 13.80	J	0		0	ug/L
H4592-06	MW-9R	Water	Cyclopentane, methyl-	* 42.90	J	0		0	ug/L
H4592-06	MW-9R	Water	Butane	* 13.50	J	0		0	ug/L
H4592-06	MW-9R	Water	Pentane	* 23.70	J	0		0	ug/L
H4592-06	MW-9R	Water	Indane	* 27.90	J	0		0	ug/L
H4592-06	MW-9R	Water	Benzene, 1-ethyl-2-methyl-	* 26.20	J	0		0	ug/L
H4592-06	MW-9R	Water	Benzene, 2-ethenyl-1,4-dimethyl-	* 17.50	J	0		0	ug/L
H4592-06	MW-9R	Water	n-propylbenzene	* 4.80	J	0.2		1	ug/L
H4592-06	MW-9R	Water	1,3,5-Trimethylbenzene	* 46.40	J	0.2		1	ug/L
H4592-06	MW-9R	Water	1,2,4-Trimethylbenzene	* 110.00	J	0.2		1	ug/L
H4592-06	MW-9R	Water	sec-Butylbenzene	* 0.35	J	0.2		1	ug/L
H4592-06	MW-9R	Water	p-Isopropyltoluene	* 1.10	J	0.2		1	ug/L
Total Tics :				423.95					
Total Concentration:				697.05					
Client ID:	MW-2								

Hit Summary Sheet
SW-846

SDG No.: H4592
Client: Bergmann Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H4592-07	MW-2	Water	Acetone	18.30		0.5	1	5	ug/L
H4592-07	MW-2	Water	Methyl tert-butyl Ether	2.70		0.35	0.5	1	ug/L
			Total Voc :			21			
			Total Concentration:			21			
Client ID:	MW-7R								
H4592-08	MW-7R	Water	Carbon Disulfide	0.96	J	0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Cyclohexane	6.80		0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Methylcyclohexane	1.30		0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Benzene	44.00		0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Toluene	0.86	J	0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Ethyl Benzene	44.00		0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Total Xylenes	10.50		0.6	0.6	3	ug/L
H4592-08	MW-7R	Water	m/p-Xylenes	7.70		0.4	0.4	2	ug/L
H4592-08	MW-7R	Water	o-Xylene	2.80		0.2	0.2	1	ug/L
H4592-08	MW-7R	Water	Isopropylbenzene	2.30		0.2	0.2	1	ug/L
			Total Voc :			110.72			
H4592-08	MW-7R	Water	Butane, 2-methyl-	* 110.00	J	0		0	ug/L
H4592-08	MW-7R	Water	Benzene, 1,2,4,5-tetramethyl-	* 6.80	J	0		0	ug/L
H4592-08	MW-7R	Water	Cyclopentane, methyl-	* 25.50	J	0		0	ug/L
H4592-08	MW-7R	Water	Butane	* 15.70	J	0		0	ug/L
H4592-08	MW-7R	Water	Indane	* 47.30	J	0		0	ug/L
H4592-08	MW-7R	Water	Benzene, 1-methyl-3-(1-methyl)	* 7.00	J	0		0	ug/L
H4592-08	MW-7R	Water	Benzene, 1-ethyl-2-methyl-	* 41.00	J	0		0	ug/L
H4592-08	MW-7R	Water	Benzene, 1-ethenyl-3-ethyl-	* 10.00	J	0		0	ug/L
H4592-08	MW-7R	Water	n-propylbenzene	* 3.70	J	0.2		1	ug/L
H4592-08	MW-7R	Water	1,3,5-Trimethylbenzene	* 1.30	J	0.2		1	ug/L
H4592-08	MW-7R	Water	1,2,4-Trimethylbenzene	* 7.10	J	0.2		1	ug/L
H4592-08	MW-7R	Water	sec-Butylbenzene	* 0.34	J	0.2		1	ug/L
H4592-08	MW-7R	Water	p-Isopropyltoluene	* 0.78	J	0.2		1	ug/L
			Total Tics :			276.52			
			Total Concentration:			387.24			
Client ID:	MW-4								
H4592-09	MW-4	Water	Cyclohexane	52.00		0.2	0.2	1	ug/L
H4592-09	MW-4	Water	Methylcyclohexane	31.00		0.2	0.2	1	ug/L
H4592-09	MW-4	Water	Benzene	26.90		0.2	0.2	1	ug/L
H4592-09	MW-4	Water	Toluene	2.40		0.2	0.2	1	ug/L
H4592-09	MW-4	Water	Ethyl Benzene	110.00		0.2	0.2	1	ug/L
H4592-09	MW-4	Water	Total Xylenes	144.70		0.6	0.6	3	ug/L

Hit Summary Sheet SW-846

SDG No.: H4592

Client: Bergmann Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H4592-09	MW-4	Water	m/p-Xylenes	130.00		0.4	0.4	2	ug/L
H4592-09	MW-4	Water	o-Xylene	14.70		0.2	0.2	1	ug/L
H4592-09	MW-4	Water	Isopropylbenzene	8.40		0.2	0.2	1	ug/L
Total Voc :				375.4					
H4592-09	MW-4	Water	unknown8.40	* 26.50	J	0		0	ug/L
H4592-09	MW-4	Water	Butane, 2-methyl-	* 110.00	J	0		0	ug/L
H4592-09	MW-4	Water	Cyclopentane, methyl-	* 93.80	J	0		0	ug/L
H4592-09	MW-4	Water	Pentane, 2-methyl-	* 120.00	J	0		0	ug/L
H4592-09	MW-4	Water	Pentane	* 57.70	J	0		0	ug/L
H4592-09	MW-4	Water	2-Butene, 2,3-dimethyl-	* 21.10	J	0		0	ug/L
H4592-09	MW-4	Water	Benzene, 1-ethyl-2-methyl-	* 26.80	J	0		0	ug/L
H4592-09	MW-4	Water	Benzene, 2-ethenyl-1,4-dimethyl-	* 29.00	J	0		0	ug/L
H4592-09	MW-4	Water	Benzene, 1,1-(1,5-hexadiene-1,	* 30.80	J	0		0	ug/L
H4592-09	MW-4	Water	n-propylbenzene	* 21.10	J	0.2		1	ug/L
H4592-09	MW-4	Water	1,3,5-Trimethylbenzene	* 55.00	J	0.2		1	ug/L
H4592-09	MW-4	Water	1,2,4-Trimethylbenzene	* 100.00	J	0.2		1	ug/L
H4592-09	MW-4	Water	sec-Butylbenzene	* 3.20	J	0.2		1	ug/L
H4592-09	MW-4	Water	p-Isopropyltoluene	* 4.80	J	0.2		1	ug/L
H4592-09	MW-4	Water	n-Butylbenzene	* 6.40	J	0.2		1	ug/L
Total Tics :				706.2					
Total Concentration:				1081.6					

SAMPLE
DATA

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-16	SDG No.:	H4592
Lab Sample ID:	H4592-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035636.D	1		08/25/16 22:47	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-16	SDG No.:	H4592
Lab Sample ID:	H4592-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035636.D	1		08/25/16 22:47	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	3	U	0.6	0.6	3	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.7		61 - 141		101%	SPK: 50
1868-53-7	Dibromofluoromethane	45.6		69 - 133		91%	SPK: 50
2037-26-5	Toluene-d8	50.1		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	61.3		58 - 135		123%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	301540	7.87				
540-36-3	1,4-Difluorobenzene	550069	8.78				
3114-55-4	Chlorobenzene-d5	534003	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	239693	13.52				

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-16	SDG No.:	H4592
Lab Sample ID:	H4592-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035636.D	1		08/25/16 22:47	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035637.D	1		08/25/16 23:15	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	7.7		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	0.83	J	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035637.D	1		08/25/16 23:15	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1.3		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	7.4		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	8.5		0.6	0.6	3	ug/L
95-47-6	o-Xylene	1.1		0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	2.6		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.9		61 - 141		102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		58 - 135		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	314641	7.86				
540-36-3	1,4-Difluorobenzene	558187	8.78				
3114-55-4	Chlorobenzene-d5	529423	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	231813	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-78-4	Butane, 2-methyl-	39.5	J			2.88	ug/L
000079-29-8	Butane, 2,3-dimethyl-	25.6	J			4.74	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035637.D	1		08/25/16 23:15	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000096-14-0	Pentane, 3-methyl-	7.6	J			5.3	ug/L
000096-37-7	Cyclopentane, methyl-	8.8	J			6.89	ug/L
103-65-1	n-propylbenzene	1.4	J			12.77	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.1	J			12.9	ug/L
95-63-6	1,2,4-Trimethylbenzene	3.8	J			13.21	ug/L
135-98-8	sec-Butylbenzene	0.48	J			13.35	ug/L
000496-11-7	Indane	17.4	J			13.72	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	13.6	J			14.18	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	7.6	J			14.39	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	19.2	J			14.78	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035638.D	1		08/25/16 23:43	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	8		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	0.81	J	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035638.D	1		08/25/16 23:43	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1.3		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	6.9		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	7.89		0.6	0.6	3	ug/L
95-47-6	o-Xylene	0.99	J	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	2.6		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.9		61 - 141		102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	48.9		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		58 - 135		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	316512	7.87				
540-36-3	1,4-Difluorobenzene	560732	8.78				
3114-55-4	Chlorobenzene-d5	536938	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	232044	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-78-4	Butane, 2-methyl-	32.6	J			2.88	ug/L
000079-29-8	Butane, 2,3-dimethyl-	21.6	J			4.75	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035638.D	1		08/25/16 23:43	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
016747-25-4	Hexane, 2,2,3-trimethyl-	6	J			5.3	ug/L
000096-37-7	Cyclopentane, methyl-	7.4	J			6.89	ug/L
103-65-1	n-propylbenzene	1.2	J			12.77	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.1	J			12.9	ug/L
95-63-6	1,2,4-Trimethylbenzene	3.3	J			13.21	ug/L
135-98-8	sec-Butylbenzene	0.46	J			13.35	ug/L
026146-77-0	trans-Cinnamyl bromide	17.4	J			13.72	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	13.2	J			14.17	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.7	J			14.39	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	18.4	J			14.78	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035639.D	1		08/26/16 00:12	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	0.7	J	0.2	0.2	1	ug/L
71-43-2	Benzene	0.71	J	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035639.D	1		08/26/16 00:12	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	0.71	J	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	3.9		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	4.6		0.6	0.6	3	ug/L
95-47-6	o-Xylene	0.7	J	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.8		61 - 141		102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		69 - 133		95%	SPK: 50
2037-26-5	Toluene-d8	48.3		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		58 - 135		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	315726	7.87				
540-36-3	1,4-Difluorobenzene	563944	8.78				
3114-55-4	Chlorobenzene-d5	535359	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	224353	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-78-4	Butane, 2-methyl-	5.6	J			2.88	ug/L
103-65-1	n-propylbenzene	0.3	J			12.77	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035639.D	1		08/26/16 00:12	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	2.6	J			12.9	ug/L
95-63-6	1,2,4-Trimethylbenzene	4.3	J			13.21	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	5.2	J			14.78	ug/L

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035640.D	1		08/26/16 00:40	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	16.9		0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	3.8		0.2	0.2	1	ug/L
71-43-2	Benzene	0.96	J	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	0.56	J	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035640.D	1		08/26/16 00:40	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	4		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	11.7		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	14.7		0.6	0.6	3	ug/L
95-47-6	o-Xylene	3		0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1.6		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.6		61 - 141		99%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	48		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		58 - 135		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	329237	7.87				
540-36-3	1,4-Difluorobenzene	576761	8.78				
3114-55-4	Chlorobenzene-d5	535289	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	228745	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-78-4	Butane, 2-methyl-	51.6	J			2.89	ug/L
000109-66-0	Pentane	5.7	J			3.25	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035640.D	1		08/26/16 00:40	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000096-14-0	Pentane, 3-methyl-	8.9	J			5.29	ug/L
000096-37-7	Cyclopentane, methyl-	26	J			6.89	ug/L
000926-56-7	4-Methyl-1,3-pentadiene	6.1	J			7.62	ug/L
001528-22-9	Cyclobutane, (1-methylethylidene)-	6.5	J			9.8	ug/L
103-65-1	n-propylbenzene	1.7	J			12.76	ug/L
108-67-8	1,3,5-Trimethylbenzene	1	J			12.9	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	14	J			13.06	ug/L
95-63-6	1,2,4-Trimethylbenzene	4.8	J			13.21	ug/L
135-98-8	sec-Butylbenzene	0.21	J			13.35	ug/L
000496-11-7	Indane	19.5	J			13.72	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	8.5	J			14.78	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035641.D	1		08/26/16 01:08	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	7.6		0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	2.3		0.2	0.2	1	ug/L
71-43-2	Benzene	1.4		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	3.2		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035641.D	1		08/26/16 01:08	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	37.2		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	190		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	219		0.6	0.6	3	ug/L
95-47-6	o-Xylene	29		0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	2.4		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.4		61 - 141		95%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		69 - 133		91%	SPK: 50
2037-26-5	Toluene-d8	48.9		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		58 - 135		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	317344	7.86				
540-36-3	1,4-Difluorobenzene	556622	8.78				
3114-55-4	Chlorobenzene-d5	525584	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	230350	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-97-8	Butane	13.5	J			2.2	ug/L
000078-78-4	Butane, 2-methyl-	95.8	J			2.88	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035641.D	1		08/26/16 01:08	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000109-66-0	Pentane	23.7	J			3.24	ug/L
000096-14-0	Pentane, 3-methyl-	13.8	J			5.29	ug/L
000096-37-7	Cyclopentane, methyl-	42.9	J			6.88	ug/L
103-65-1	n-propylbenzene	4.8	J			12.76	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.4	J			12.9	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	26.2	J			13.06	ug/L
95-63-6	1,2,4-Trimethylbenzene	110	J			13.21	ug/L
135-98-8	sec-Butylbenzene	0.35	J			13.35	ug/L
99-87-6	p-Isopropyltoluene	1.1	J			13.46	ug/L
000496-11-7	Indane	27.9	J			13.72	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	17.5	J			14.78	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-2	SDG No.:	H4592
Lab Sample ID:	H4592-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035642.D	1		08/26/16 01:36	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	18.3		0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	2.7		0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-2	SDG No.:	H4592
Lab Sample ID:	H4592-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035642.D	1		08/26/16 01:36	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	3	U	0.6	0.6	3	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.9		61 - 141		104%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		69 - 133		95%	SPK: 50
2037-26-5	Toluene-d8	48.5		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		58 - 135		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	312054	7.86				
540-36-3	1,4-Difluorobenzene	559837	8.78				
3114-55-4	Chlorobenzene-d5	528295	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	227160	13.52				

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-2	SDG No.:	H4592
Lab Sample ID:	H4592-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035642.D	1		08/26/16 01:36	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035643.D	1		08/26/16 02:05	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	0.96	J	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	6.8		0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1.3		0.2	0.2	1	ug/L
71-43-2	Benzene	44		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	0.86	J	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035643.D	1		08/26/16 02:05	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	44		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	7.7		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	10.5		0.6	0.6	3	ug/L
95-47-6	o-Xylene	2.8		0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	2.3		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49		61 - 141		98%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		69 - 133		92%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		58 - 135		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	309449	7.87				
540-36-3	1,4-Difluorobenzene	549034	8.78				
3114-55-4	Chlorobenzene-d5	516030	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	226220	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-97-8	Butane	15.7	J			2.2	ug/L
000078-78-4	Butane, 2-methyl-	110	J			2.88	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035643.D	1		08/26/16 02:05	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000096-37-7	Cyclopentane, methyl-	25.5	J			6.89	ug/L
103-65-1	n-propylbenzene	3.7	J			12.76	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.3	J			12.9	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	41	J			13.06	ug/L
95-63-6	1,2,4-Trimethylbenzene	7.1	J			13.21	ug/L
135-98-8	sec-Butylbenzene	0.34	J			13.35	ug/L
99-87-6	p-Isopropyltoluene	0.78	J			13.46	ug/L
000496-11-7	Indane	47.3	J			13.72	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	10	J			14.17	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	6.8	J			14.39	ug/L
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	7	J			14.76	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035644.D	1		08/26/16 02:33	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	52		0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	31		0.2	0.2	1	ug/L
71-43-2	Benzene	26.9		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	2.4		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035644.D	1		08/26/16 02:33	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	110		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	130		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	144		0.6	0.6	3	ug/L
95-47-6	o-Xylene	14.7		0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	8.4		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.4		61 - 141		95%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		69 - 133		91%	SPK: 50
2037-26-5	Toluene-d8	48.8		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		58 - 135		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	325945	7.86				
540-36-3	1,4-Difluorobenzene	573785	8.78				
3114-55-4	Chlorobenzene-d5	540853	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	244745	13.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000078-78-4	Butane, 2-methyl-	110	J			2.88	ug/L
000109-66-0	Pentane	57.7	J			3.23	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035644.D	1		08/26/16 02:33	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	120	J			4.8	ug/L
000563-79-1	2-Butene, 2,3-dimethyl-	21.1	J			6.17	ug/L
000096-37-7	Cyclopentane, methyl-	93.8	J			6.88	ug/L
	unknown8.40	26.5	J			8.4	ug/L
103-65-1	n-propylbenzene	21.1	J			12.76	ug/L
108-67-8	1,3,5-Trimethylbenzene	55	J			12.9	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	26.8	J			13.06	ug/L
95-63-6	1,2,4-Trimethylbenzene	100	J			13.21	ug/L
135-98-8	sec-Butylbenzene	3.2	J			13.35	ug/L
99-87-6	p-Isopropyltoluene	4.8	J			13.46	ug/L
004439-45-6	Benzene, 1,1-(1,5-hexadiene-1,6-d	30.8	J			13.72	ug/L
104-51-8	n-Butylbenzene	6.4	J			13.79	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	29	J			14.78	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	TRIPBLANK	SDG No.:	H4592
Lab Sample ID:	H4592-10	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035631.D	1		08/25/16 20:25	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	TRIPBLANK	SDG No.:	H4592
Lab Sample ID:	H4592-10	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035631.D	1		08/25/16 20:25	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	3	U	0.6	0.6	3	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.3		61 - 141		105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		58 - 135		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	269205	7.86				
540-36-3	1,4-Difluorobenzene	482351	8.78				
3114-55-4	Chlorobenzene-d5	461054	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	187859	13.52				

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	TRIPBLANK	SDG No.:	H4592
Lab Sample ID:	H4592-10	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035631.D	1		08/25/16 20:25	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

QC
SUMMARY

Surrogate Summary

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H4592-01	MW-16	1,2-Dichloroethane-d4	50	50.68	101	61	141
		Dibromofluoromethane	50	45.63	91	69	133
		Toluene-d8	50	50.12	100	65	126
		4-Bromofluorobenzene	50	61.3	123	58	135
H4592-02	MW-11	1,2-Dichloroethane-d4	50	50.87	102	61	141
		Dibromofluoromethane	50	46.58	93	69	133
		Toluene-d8	50	48.68	97	65	126
		4-Bromofluorobenzene	50	53.87	108	58	135
H4592-03	DUPLICATE	1,2-Dichloroethane-d4	50	50.91	102	61	141
		Dibromofluoromethane	50	46.84	94	69	133
		Toluene-d8	50	48.93	98	65	126
		4-Bromofluorobenzene	50	53.14	106	58	135
H4592-04	MW-15R	1,2-Dichloroethane-d4	50	50.77	102	61	141
		Dibromofluoromethane	50	47.46	95	69	133
		Toluene-d8	50	48.33	97	65	126
		4-Bromofluorobenzene	50	51.39	103	58	135
H4592-05	MW-1	1,2-Dichloroethane-d4	50	49.63	99	61	141
		Dibromofluoromethane	50	46.77	94	69	133
		Toluene-d8	50	48.02	96	65	126
		4-Bromofluorobenzene	50	50.85	102	58	135
H4592-06	MW-9R	1,2-Dichloroethane-d4	50	47.38	95	61	141
		Dibromofluoromethane	50	45.7	91	69	133
		Toluene-d8	50	48.89	98	65	126
		4-Bromofluorobenzene	50	53.51	107	58	135
H4592-07	MW-2	1,2-Dichloroethane-d4	50	51.87	104	61	141
		Dibromofluoromethane	50	47.46	95	69	133
		Toluene-d8	50	48.49	97	65	126
		4-Bromofluorobenzene	50	52.06	104	58	135
H4592-08	MW-7R	1,2-Dichloroethane-d4	50	49.02	98	61	141
		Dibromofluoromethane	50	46.22	92	69	133
		Toluene-d8	50	48.69	97	65	126
		4-Bromofluorobenzene	50	52.93	106	58	135
H4592-09	MW-4	1,2-Dichloroethane-d4	50	47.36	95	61	141
		Dibromofluoromethane	50	45.66	91	69	133
		Toluene-d8	50	48.75	98	65	126
		4-Bromofluorobenzene	50	53.58	107	58	135
H4592-10	TRIPBLANK	1,2-Dichloroethane-d4	50	52.27	105	61	141
		Dibromofluoromethane	50	48.23	96	69	133
		Toluene-d8	50	48.69	97	65	126
		4-Bromofluorobenzene	50	48.69	97	58	135
VN0825WBL01	VN0825WBL01	1,2-Dichloroethane-d4	50	52.18	104	61	141
		Dibromofluoromethane	50	48.52	97	69	133
		Toluene-d8	50	48.15	96	65	126
		4-Bromofluorobenzene	50	48.5	97	58	135
VN0825WBS01	VN0825WBS01	1,2-Dichloroethane-d4	50	52.49	105	61	141
		Dibromofluoromethane	50	48.82	98	69	133
		Toluene-d8	50	49.31	99	65	126
		4-Bromofluorobenzene	50	47.9	96	58	135
VN0825WBSD01	VN0825WBSD01	1,2-Dichloroethane-d4	50	51.56	103	61	141
		Dibromofluoromethane	50	49.48	99	69	133
		Toluene-d8	50	49.25	99	65	126
		4-Bromofluorobenzene	50	48.51	97	58	135

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846**

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8260-Low

Datafile : VN035627.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0825WBS01	Dichlorodifluoromethane	20	19	ug/L	95			46	139	
	Chloromethane	20	18.4	ug/L	92			58	139	
	Vinyl chloride	20	19.3	ug/L	97			65	137	
	Bromomethane	20	25.8	ug/L	129			50	162	
	Chloroethane	20	21.6	ug/L	108			54	160	
	Trichlorofluoromethane	20	19.6	ug/L	98			67	143	
	1,1,2-Trichlorotrifluoroethane	20	18.2	ug/L	91			71	136	
	1,1-Dichloroethene	20	20.1	ug/L	101			69	134	
	Acetone	100	100	ug/L	100			41	181	
	Carbon disulfide	20	19.2	ug/L	96			63	138	
	Methyl tert-butyl Ether	20	21.2	ug/L	106			72	136	
	Methyl Acetate	20	21.1	ug/L	106			51	158	
	Methylene Chloride	20	22.7	ug/L	114			67	138	
	trans-1,2-Dichloroethene	20	19.9	ug/L	100			72	132	
	1,1-Dichloroethane	20	19.5	ug/L	98			74	135	
	Cyclohexane	20	18.9	ug/L	95			67	132	
	2-Butanone	100	110	ug/L	110			64	146	
	Carbon Tetrachloride	20	17.7	ug/L	89			71	134	
	cis-1,2-Dichloroethene	20	20.4	ug/L	102			74	130	
	Bromochloromethane	20	20.6	ug/L	103			71	136	
	Chloroform	20	20.4	ug/L	102			74	134	
	1,1,1-Trichloroethane	20	20	ug/L	100			74	133	
	Methylcyclohexane	20	17.8	ug/L	89			71	125	
	Benzene	20	19.8	ug/L	99			75	125	
	1,2-Dichloroethane	20	19.1	ug/L	96			76	130	
	Trichloroethene	20	19	ug/L	95			73	127	
	1,2-Dichloropropane	20	19	ug/L	95			76	125	
	Bromodichloromethane	20	18.6	ug/L	93			78	127	
	4-Methyl-2-Pentanone	100	110	ug/L	110			71	140	
	Toluene	20	19.6	ug/L	98			74	125	
	t-1,3-Dichloropropene	20	18.9	ug/L	95			74	131	
	cis-1,3-Dichloropropene	20	19	ug/L	95			74	128	
	1,1,2-Trichloroethane	20	20.3	ug/L	102			75	129	
	2-Hexanone	100	97.8	ug/L	98			62	153	
	Dibromochloromethane	20	20.1	ug/L	101			74	131	
	1,2-Dibromoethane	20	19.4	ug/L	97			74	129	
	Tetrachloroethene	20	19.1	ug/L	96			46	157	
	Chlorobenzene	20	19.1	ug/L	96			76	123	
	Ethyl Benzene	20	19.1	ug/L	96			75	126	
	m/p-Xylenes	40	40	ug/L	100			74	126	
	o-Xylene	20	20	ug/L	100			73	127	
	Styrene	20	19.1	ug/L	96			75	126	
	Bromoform	20	19.9	ug/L	100			66	130	
	Isopropylbenzene	20	20.2	ug/L	101			70	127	
	1,1,2,2-Tetrachloroethane	20	20.5	ug/L	103			66	131	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			70	125	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			71	124	
	1,2-Dichlorobenzene	20	19.5	ug/L	98			71	126	
	1,2-Dibromo-3-Chloropropane	20	19.4	ug/L	97			62	134	

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846**SDG No.: H4592Client: Bergmann AssociatesAnalytical Method: SW8260-Low

Datafile : VN035627.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0825WBS01	1,2,4-Trichlorobenzene	20	19.3	ug/L	97			62	129	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			58	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8260-Low

Datafile : VN035628.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0825WBSD01	Dichlorodifluoromethane	20	19	ug/L	95	0		46	139	20
	Chloromethane	20	18.7	ug/L	94	2		58	139	20
	Vinyl chloride	20	19.3	ug/L	97	0		65	137	20
	Bromomethane	20	23	ug/L	115	11		50	162	20
	Chloroethane	20	21.5	ug/L	108	0		54	160	20
	Trichlorofluoromethane	20	19.9	ug/L	100	2		67	143	20
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94	3		71	136	20
	1,1-Dichloroethene	20	19.8	ug/L	99	2		69	134	20
	Acetone	100	100	ug/L	100	0		41	181	20
	Carbon disulfide	20	19.1	ug/L	96	0		63	138	20
	Methyl tert-butyl Ether	20	21	ug/L	105	1		72	136	20
	Methyl Acetate	20	21.6	ug/L	108	2		51	158	20
	Methylene Chloride	20	21.8	ug/L	109	4		67	138	20
	trans-1,2-Dichloroethene	20	20	ug/L	100	0		72	132	20
	1,1-Dichloroethane	20	19.2	ug/L	96	2		74	135	20
	Cyclohexane	20	20.1	ug/L	101	6		67	132	20
	2-Butanone	100	110	ug/L	110	0		64	146	20
	Carbon Tetrachloride	20	18.7	ug/L	94	5		71	134	20
	cis-1,2-Dichloroethene	20	20.2	ug/L	101	1		74	130	20
	Bromochloromethane	20	24.1	ug/L	121	16		71	136	20
	Chloroform	20	20.2	ug/L	101	1		74	134	20
	1,1,1-Trichloroethane	20	19.9	ug/L	100	0		74	133	20
	Methylcyclohexane	20	18.7	ug/L	94	5		71	125	20
	Benzene	20	19.8	ug/L	99	0		75	125	20
	1,2-Dichloroethane	20	19.5	ug/L	98	2		76	130	20
	Trichloroethene	20	19.2	ug/L	96	1		73	127	20
	1,2-Dichloropropane	20	19.3	ug/L	97	2		76	125	20
	Bromodichloromethane	20	19	ug/L	95	2		78	127	20
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		71	140	20
	Toluene	20	20.2	ug/L	101	3		74	125	20
	t-1,3-Dichloropropene	20	19.7	ug/L	99	4		74	131	20
	cis-1,3-Dichloropropene	20	19.5	ug/L	98	3		74	128	20
	1,1,2-Trichloroethane	20	19.3	ug/L	97	5		75	129	20
	2-Hexanone	100	99.9	ug/L	100	2		62	153	20
	Dibromochloromethane	20	19.6	ug/L	98	3		74	131	20
	1,2-Dibromoethane	20	19.9	ug/L	100	3		74	129	20
	Tetrachloroethene	20	19.3	ug/L	97	1		46	157	20
	Chlorobenzene	20	19.6	ug/L	98	2		76	123	20
	Ethyl Benzene	20	19.7	ug/L	99	3		75	126	20
	m/p-Xylenes	40	40.3	ug/L	101	1		74	126	20
	o-Xylene	20	19.9	ug/L	100	0		73	127	20
	Styrene	20	19.3	ug/L	97	1		75	126	20
	Bromoform	20	19.9	ug/L	100	0		66	130	20
	Isopropylbenzene	20	20.7	ug/L	104	3		70	127	20
	1,1,2,2-Tetrachloroethane	20	20.7	ug/L	104	1		66	131	20
	1,3-Dichlorobenzene	20	20.2	ug/L	101	0		70	125	20
	1,4-Dichlorobenzene	20	20.2	ug/L	101	4		71	124	20
	1,2-Dichlorobenzene	20	19.9	ug/L	100	2		71	126	20
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	6		62	134	20

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846**SDG No.: H4592Client: Bergmann AssociatesAnalytical Method: SW8260-Low

Datafile : VN035628.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0825WBSD01	1,2,4-Trichlorobenzene	20	19.8	ug/L	99	2		62	129	20
	1,2,3-Trichlorobenzene	20	20	ug/L	100	0		58	130	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0825WBL01

Lab Name: CHEMTECH

Contract: BERG03

Lab Code: CHEM Case No.: H4592

SAS No.: H4592 SDG NO.: H4592

Lab File ID: VN035626.D

Lab Sample ID: VN0825WBL01

Date Analyzed: 08/25/2016

Time Analyzed: 18:03

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0825WBS01	VN0825WBS01	VN035627.D	08/25/2016
VN0825WBSD01	VN0825WBSD01	VN035628.D	08/25/2016
TRIPBLANK	H4592-10	VN035631.D	08/25/2016
MW-16	H4592-01	VN035636.D	08/25/2016
MW-11	H4592-02	VN035637.D	08/25/2016
DUPLICATE	H4592-03	VN035638.D	08/25/2016
MW-15R	H4592-04	VN035639.D	08/26/2016
MW-1	H4592-05	VN035640.D	08/26/2016
MW-9R	H4592-06	VN035641.D	08/26/2016
MW-2	H4592-07	VN035642.D	08/26/2016
MW-7R	H4592-08	VN035643.D	08/26/2016
MW-4	H4592-09	VN035644.D	08/26/2016

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 Lab File ID: VN035616.D BFB Injection Date: 08/25/2016
 Instrument ID: MSVOA_N BFB Injection Time: 11:23
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.1
75	30.0 - 60.0% of mass 95	55.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	80
175	5.0 - 9.0% of mass 174	6.4 (8.1) 1
176	95.0 - 101.0% of mass 174	77.4 (96.7) 1
177	5.0 - 9.0% of mass 176	5.2 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN035617.D	08/25/2016	12:06
VSTDIC005	VSTDIC005	VN035618.D	08/25/2016	12:35
VSTDIC020	VSTDIC020	VN035619.D	08/25/2016	13:03
VSTDIC050	VSTDIC050	VN035620.D	08/25/2016	13:31
VSTDIC100	VSTDIC100	VN035621.D	08/25/2016	13:59
VSTDIC200	VSTDIC200	VN035622.D	08/25/2016	14:27

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 Lab File ID: VN035624.D BFB Injection Date: 08/25/2016
 Instrument ID: MSVOA_N BFB Injection Time: 16:36
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	77.3
175	5.0 - 9.0% of mass 174	5.7 (7.4) 1
176	95.0 - 101.0% of mass 174	74.9 (97) 1
177	5.0 - 9.0% of mass 176	4.5 (6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN035625.D	08/25/2016	17:06
VN0825WBL01	VN0825WBL01	VN035626.D	08/25/2016	18:03
VN0825WBS01	VN0825WBS01	VN035627.D	08/25/2016	18:31
VN0825WBSD01	VN0825WBSD01	VN035628.D	08/25/2016	19:00
TRIPBLANK	H4592-10	VN035631.D	08/25/2016	20:25
MW-16	H4592-01	VN035636.D	08/25/2016	22:47
MW-11	H4592-02	VN035637.D	08/25/2016	23:15
DUPLICATE	H4592-03	VN035638.D	08/25/2016	23:43
MW-15R	H4592-04	VN035639.D	08/26/2016	00:12
MW-1	H4592-05	VN035640.D	08/26/2016	00:40
MW-9R	H4592-06	VN035641.D	08/26/2016	01:08
MW-2	H4592-07	VN035642.D	08/26/2016	01:36
MW-7R	H4592-08	VN035643.D	08/26/2016	02:05
MW-4	H4592-09	VN035644.D	08/26/2016	02:33

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 Lab File ID: VN035625.D Date Analyzed: 08/25/2016
 Instrument ID: MSVOA_N Time Analyzed: 17:06
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	245299	7.86	401262	8.78	366002	11.58
UPPER LIMIT	490598	8.36	802524	9.28	732004	12.08
LOWER LIMIT	122650	7.36	200631	8.28	183001	11.08
EPA SAMPLE NO.						
MW-16	301540	7.87	550069	8.78	534003	11.58
MW-11	314641	7.86	558187	8.78	529423	11.58
DUPLICATE	316512	7.87	560732	8.78	536938	11.58
MW-15R	315726	7.87	563944	8.78	535359	11.58
MW-1	329237	7.87	576761	8.78	535289	11.58
MW-9R	317344	7.86	556622	8.78	525584	11.58
MW-2	312054	7.86	559837	8.78	528295	11.58
MW-7R	309449	7.87	549034	8.78	516030	11.58
MW-4	325945	7.86	573785	8.78	540853	11.58
TRIPBLANK	269205	7.86	482351	8.78	461054	11.58
VN0825WBL01	267037	7.87	486832	8.78	456983	11.58
VN0825WBS01	199961	7.86	348218	8.78	308825	11.58
VN0825WBSD01	221604	7.87	379554	8.78	339338	11.58

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 Lab File ID: VN035625.D Date Analyzed: 08/25/2016
 Instrument ID: MSVOA_N Time Analyzed: 17:06
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #			
12 HOUR STD	168939	13.52			
UPPER LIMIT	337878	14.02			
LOWER LIMIT	84469.5	13.02			
EPA SAMPLE NO.					
MW-16	239693	13.52			
MW-11	231813	13.52			
DUPLICATE	232044	13.52			
MW-15R	224353	13.52			
MW-1	228745	13.52			
MW-9R	230350	13.52			
MW-2	227160	13.52			
MW-7R	226220	13.52			
MW-4	244745	13.52			
TRIPBLANK	187859	13.52			
VN0825WBL01	186852	13.52			
VN0825WBS01	136723	13.52			
VN0825WBSD01	147804	13.52			

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE
DATA

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	H4592
Lab Sample ID:	VN0825WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035626.D	1		08/25/16 18:03	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	1	U	0.2	0.2	1	ug/L
74-87-3	Chloromethane	1	U	0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	1	U	0.2	0.2	1	ug/L
74-83-9	Bromomethane	1	U	0.2	0.2	1	ug/L
75-00-3	Chloroethane	1	U	0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	1	U	0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1	U	0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	1	U	0.2	0.2	1	ug/L
67-64-1	Acetone	5	U	0.5	1	5	ug/L
75-15-0	Carbon Disulfide	1	U	0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	1	U	0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	1	U	0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	1	U	0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	1	U	0.2	0.2	1	ug/L
110-82-7	Cyclohexane	1	U	0.2	0.2	1	ug/L
78-93-3	2-Butanone	5	U	1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	1	U	0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	1	U	0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	1	U	0.2	0.5	1	ug/L
67-66-3	Chloroform	1	U	0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	1	U	0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	1	U	0.2	0.2	1	ug/L
71-43-2	Benzene	1	U	0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	1	U	0.2	0.2	1	ug/L
79-01-6	Trichloroethene	1	U	0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	1	U	0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	1	U	0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	5	U	1	1	5	ug/L
108-88-3	Toluene	1	U	0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	1	U	0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	H4592
Lab Sample ID:	VN0825WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035626.D	1		08/25/16 18:03	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	1	U	0.2	0.2	1	ug/L
591-78-6	2-Hexanone	5	U	1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	1	U	0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	1	U	0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	1	U	0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	1	U	0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	1	U	0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	2	U	0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	3	U	0.6	0.6	3	ug/L
95-47-6	o-Xylene	1	U	0.2	0.2	1	ug/L
100-42-5	Styrene	1	U	0.2	0.2	1	ug/L
75-25-2	Bromoform	1	U	0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	1	U	0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1	U	0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	1	U	0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1	U	0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	1	U	0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.2		61 - 141		104%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		69 - 133		97%	SPK: 50
2037-26-5	Toluene-d8	48.2		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		58 - 135		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	267037	7.87				
540-36-3	1,4-Difluorobenzene	486832	8.78				
3114-55-4	Chlorobenzene-d5	456983	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	186852	13.52				

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBL01	SDG No.:	H4592
Lab Sample ID:	VN0825WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035626.D	1		08/25/16 18:03	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	H4592
Lab Sample ID:	VN0825WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035627.D	1		08/25/16 18:31	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19		0.2	0.2	1	ug/L
74-87-3	Chloromethane	18.4		0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	19.3		0.2	0.2	1	ug/L
74-83-9	Bromomethane	25.8		0.2	0.2	1	ug/L
75-00-3	Chloroethane	21.6		0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	19.6		0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.2		0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	20.1		0.2	0.2	1	ug/L
67-64-1	Acetone	100		0.5	1	5	ug/L
75-15-0	Carbon Disulfide	19.2		0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	21.2		0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	21.1		0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	22.7		0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	19.5		0.2	0.2	1	ug/L
110-82-7	Cyclohexane	18.9		0.2	0.2	1	ug/L
78-93-3	2-Butanone	110		1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	17.7		0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	20.4		0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	20.6		0.2	0.5	1	ug/L
67-66-3	Chloroform	20.4		0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	20		0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	17.8		0.2	0.2	1	ug/L
71-43-2	Benzene	19.8		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.2	0.2	1	ug/L
79-01-6	Trichloroethene	19		0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	19		0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	18.6		0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	110		1	1	5	ug/L
108-88-3	Toluene	19.6		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	18.9		0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	19		0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	H4592
Lab Sample ID:	VN0825WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035627.D	1		08/25/16 18:31	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	20.3		0.2	0.2	1	ug/L
591-78-6	2-Hexanone	97.8		1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	20.1		0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	19.4		0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	19.1		0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	19.1		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	19.1		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	40		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	60		0.6	0.6	3	ug/L
95-47-6	o-Xylene	20		0.2	0.2	1	ug/L
100-42-5	Styrene	19.1		0.2	0.2	1	ug/L
75-25-2	Bromoform	19.9		0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	20.2		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.5		0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.3		0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.5		61 - 141		105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		69 - 133		98%	SPK: 50
2037-26-5	Toluene-d8	49.3		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		58 - 135		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	199961	7.86				
540-36-3	1,4-Difluorobenzene	348218	8.78				
3114-55-4	Chlorobenzene-d5	308825	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	136723	13.52				

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBS01	SDG No.:	H4592
Lab Sample ID:	VN0825WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035627.D	1		08/25/16 18:31	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	H4592
Lab Sample ID:	VN0825WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035628.D	1		08/25/16 19:00	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19		0.2	0.2	1	ug/L
74-87-3	Chloromethane	18.7		0.2	0.2	1	ug/L
75-01-4	Vinyl Chloride	19.3		0.2	0.2	1	ug/L
74-83-9	Bromomethane	23		0.2	0.2	1	ug/L
75-00-3	Chloroethane	21.5		0.2	0.5	1	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.2	0.2	1	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.2	0.2	1	ug/L
75-35-4	1,1-Dichloroethene	19.8		0.2	0.2	1	ug/L
67-64-1	Acetone	100		0.5	1	5	ug/L
75-15-0	Carbon Disulfide	19.1		0.2	0.2	1	ug/L
1634-04-4	Methyl tert-butyl Ether	21		0.35	0.5	1	ug/L
79-20-9	Methyl Acetate	21.6		0.2	0.5	1	ug/L
75-09-2	Methylene Chloride	21.8		0.2	0.2	1	ug/L
156-60-5	trans-1,2-Dichloroethene	20		0.2	0.2	1	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.2	0.2	1	ug/L
110-82-7	Cyclohexane	20.1		0.2	0.2	1	ug/L
78-93-3	2-Butanone	110		1.3	2.5	5	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.2	0.2	1	ug/L
156-59-2	cis-1,2-Dichloroethene	20.2		0.2	0.2	1	ug/L
74-97-5	Bromochloromethane	24.1		0.2	0.5	1	ug/L
67-66-3	Chloroform	20.2		0.2	0.2	1	ug/L
71-55-6	1,1,1-Trichloroethane	19.9		0.2	0.2	1	ug/L
108-87-2	Methylcyclohexane	18.7		0.2	0.2	1	ug/L
71-43-2	Benzene	19.8		0.2	0.2	1	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.2	0.2	1	ug/L
79-01-6	Trichloroethene	19.2		0.2	0.2	1	ug/L
78-87-5	1,2-Dichloropropane	19.3		0.2	0.2	1	ug/L
75-27-4	Bromodichloromethane	19		0.2	0.2	1	ug/L
108-10-1	4-Methyl-2-Pentanone	110		1	1	5	ug/L
108-88-3	Toluene	20.2		0.2	0.2	1	ug/L
10061-02-6	t-1,3-Dichloropropene	19.7		0.2	0.2	1	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.2	0.2	1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	H4592
Lab Sample ID:	VN0825WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035628.D	1		08/25/16 19:00	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	19.3		0.2	0.2	1	ug/L
591-78-6	2-Hexanone	99.9		1.9	2.5	5	ug/L
124-48-1	Dibromochloromethane	19.6		0.2	0.2	1	ug/L
106-93-4	1,2-Dibromoethane	19.9		0.2	0.2	1	ug/L
127-18-4	Tetrachloroethene	19.3		0.2	0.2	1	ug/L
108-90-7	Chlorobenzene	19.6		0.2	0.2	1	ug/L
100-41-4	Ethyl Benzene	19.7		0.2	0.2	1	ug/L
179601-23-1	m/p-Xylenes	40.3		0.4	0.4	2	ug/L
1330-20-7	Total Xylenes	60.2		0.6	0.6	3	ug/L
95-47-6	o-Xylene	19.9		0.2	0.2	1	ug/L
100-42-5	Styrene	19.3		0.2	0.2	1	ug/L
75-25-2	Bromoform	19.9		0.2	0.2	1	ug/L
98-82-8	Isopropylbenzene	20.7		0.2	0.2	1	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.7		0.2	0.2	1	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.2	0.2	1	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.2	0.2	1	ug/L
95-50-1	1,2-Dichlorobenzene	19.9		0.2	0.2	1	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.2	0.2	1	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.8		0.2	0.2	1	ug/L
87-61-6	1,2,3-Trichlorobenzene	20		0.2	0.2	1	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.6		61 - 141		103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	49.3		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		58 - 135		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	221604	7.87				
540-36-3	1,4-Difluorobenzene	379554	8.78				
3114-55-4	Chlorobenzene-d5	339338	11.58				
3855-82-1	1,4-Dichlorobenzene-d4	147804	13.52				

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	VN0825WBSD01	SDG No.:	H4592
Lab Sample ID:	VN0825WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN035628.D	1		08/25/16 19:00	VN082516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: MSVOA_N Calibration Date(s): 08/25/2016 08/25/2016
 Heated Purge: (Y/N) N Calibration Time(s): 12:06 14:27
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF001 = VN035617.D	RRF005 = VN035618.D	RRF020 = VN035619.D	RRF050 = VN035620.D	RRF100 = VN035621.D	RRF200 = VN035622.D	RRF	% RSD
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	RRF	% RSD
Dichlorodifluoromethane	0.752	0.729	0.705	0.648	0.632	0.600	0.678	8.8
Chloromethane	1.050	0.917	0.809	0.771	0.756	0.801	0.850	13.3
Vinyl Chloride	0.711	0.699	0.636	0.614	0.589	0.569	0.636	9.1
Bromomethane	0.363	0.278	0.242	0.241	0.252	0.249	0.271	17.4
Chloroethane	0.403	0.488	0.489	0.461	0.418	0.410	0.445	8.8
Trichlorofluoromethane	1.136	1.055	0.991	0.948	0.897	0.868	0.982	10.2
1,1,2-Trichlorotrifluoroethane	0.726	0.609	0.565	0.535	0.523	0.495	0.575	14.5
1,1-Dichloroethene	0.561	0.554	0.530	0.513	0.498	0.493	0.525	5.4
Acetone	0.339	0.328	0.301	0.275	0.277	0.264	0.297	10.3
Carbon Disulfide	1.877	1.802	1.649	1.611	1.559	1.538	1.673	8.2
Methyl tert-butyl Ether	1.365	1.472	1.535	1.518	1.553	1.569	1.502	5
Methyl Acetate	0.764	0.811	0.861	0.816	0.837	0.850	0.823	4.2
Methylene Chloride	0.905	0.734	0.656	0.632	0.599	0.591	0.686	17.3
trans-1,2-Dichloroethene	0.529	0.544	0.545	0.548	0.540	0.535	0.540	1.3
1,1-Dichloroethane	1.452	1.251	1.198	1.161	1.143	1.122	1.221	10
Cyclohexane	2.254	1.259	1.087	1.099	1.069	1.034	1.300	36.4
2-Butanone	0.344	0.379	0.392	0.391	0.402	0.406	0.386	5.8
Carbon Tetrachloride	0.373	0.377	0.439	0.426	0.425	0.426	0.411	7
cis-1,2-Dichloroethene	0.581	0.643	0.646	0.629	0.629	0.620	0.625	3.8
Bromochloromethane	0.571	0.616	0.648	0.570	0.537	0.502	0.574	9.1
Chloroform	1.172	1.214	1.142	1.108	1.075	1.061	1.129	5.2
1,1,1-Trichloroethane	0.949	1.002	0.975	0.932	0.916	0.906	0.947	3.9
Methylcyclohexane	0.616	0.515	0.551	0.571	0.608	0.589	0.575	6.5
Benzene	1.590	1.531	1.615	1.551	1.502	1.469	1.543	3.5
1,2-Dichloroethane	0.592	0.584	0.564	0.548	0.546	0.542	0.563	3.8
Trichloroethene	0.393	0.379	0.390	0.371	0.364	0.353	0.375	4.1
1,2-Dichloropropane	0.481	0.437	0.437	0.428	0.416	0.412	0.435	5.7
Bromodichloromethane	0.558	0.517	0.535	0.524	0.515	0.513	0.527	3.2
4-Methyl-2-Pentanone	0.382	0.416	0.496	0.510	0.538	0.533	0.479	13.5
Toluene	0.754	0.839	0.940	0.922	0.916	0.912	0.881	8.1
t-1,3-Dichloropropene	0.404	0.478	0.508	0.541	0.567	0.582	0.513	12.8
cis-1,3-Dichloropropene	0.478	0.502	0.585	0.590	0.602	0.618	0.562	10.3
1,1,2-Trichloroethane	0.383	0.350	0.366	0.366	0.361	0.354	0.363	3.2

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: MSVOA_N Calibration Date(s): 08/25/2016 08/25/2016
 Heated Purge: (Y/N) N Calibration Time(s): 12:06 14:27
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF001 = VN035617.D	RRF005 = VN035618.D	RRF020 = VN035619.D	RRF050 = VN035620.D	RRF100 = VN035621.D	RRF200 = VN035622.D	RRF	% RSD
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	RRF	% RSD
2-Hexanone	0.203	0.277	0.333	0.351	0.373	0.367	0.317	20.8
Dibromochloromethane	0.359	0.358	0.391	0.393	0.396	0.395	0.382	4.8
1,2-Dibromoethane	0.325	0.347	0.362	0.358	0.360	0.363	0.352	4.2
Tetrachloroethene	0.532	0.398	0.386	0.369	0.333	0.324	0.390	19.3
Chlorobenzene	1.180	1.085	1.112	1.107	1.080	1.066	1.105	3.7
Ethyl Benzene	1.580	1.674	1.809	1.892	1.886	1.865	1.784	7.2
m/p-Xylenes	0.549	0.567	0.657	0.714	0.705	0.700	0.649	11.3
o-Xylene	0.497	0.576	0.638	0.697	0.685	0.675	0.628	12.4
Styrene	0.866	0.828	1.037	1.138	1.154	1.137	1.027	14.2
Bromoform	0.257	0.260	0.289	0.303	0.294	0.291	0.282	6.8
Isopropylbenzene	3.143	3.466	3.812	3.879	3.836	3.887	3.670	8.2
1,1,2,2-Tetrachloroethane	1.434	1.411	1.339	1.241	1.161	1.127	1.285	10
1,3-Dichlorobenzene	1.474	1.602	1.693	1.712	1.629	1.637	1.624	5.2
1,4-Dichlorobenzene	1.608	1.679	1.708	1.688	1.636	1.649	1.661	2.2
1,2-Dichlorobenzene	1.711	1.708	1.713	1.687	1.583	1.582	1.664	3.8
1,2-Dibromo-3-Chloropropane	0.272	0.207	0.221	0.215	0.211	0.224	0.225	10.5
1,2,4-Trichlorobenzene	0.815	0.798	0.928	0.965	0.936	1.005	0.908	9.2
1,2,3-Trichlorobenzene	0.826	0.817	0.905	0.955	0.919	0.968	0.898	7.1
1,2-Dichloroethane-d4		0.826	0.818	0.765	0.756	0.720	0.777	5.7
Dibromofluoromethane		0.358	0.364	0.345	0.348	0.329	0.349	3.8
Toluene-d8		1.169	1.365	1.325	1.345	1.279	1.297	6
4-Bromofluorobenzene		0.377	0.455	0.440	0.470	0.456	0.440	8.3

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: MSVOA_N Calibration Date/Time: 08/25/2016 17:06
 Lab File ID: VN035625.D Init. Calib. Date(s): 08/25/2016 08/25/2016
 Heated Purge: (Y/N) N Init. Calib. Time(s): 12:06 14:27
 GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.678	0.630		-6.98	20
Chloromethane	0.850	0.746	0.1	-12.35	20
Vinyl Chloride	0.636	0.577		-9.29	20
Bromomethane	0.271	0.220		-18.83	20
Chloroethane	0.445	0.430		-3.28	20
Trichlorofluoromethane	0.982	0.911		-7.28	20
1,1,2-Trichlorotrifluoroethane	0.575	0.525		-8.76	20
1,1-Dichloroethene	0.525	0.492		-6.29	20
Acetone	0.297	0.284		-4.47	20
Carbon Disulfide	1.673	1.528		-8.69	20
Methyl tert-butyl Ether	1.502	1.505		0.16	20
Methyl Acetate	0.823	0.828		0.6	20
Methylene Chloride	0.686	0.602		-12.27	20
trans-1,2-Dichloroethene	0.540	0.530		-1.83	20
1,1-Dichloroethane	1.221	1.100	0.1	-9.95	20
Cyclohexane	1.300	1.059		-18.53	20
2-Butanone	0.386	0.403		4.51	20
Carbon Tetrachloride	0.411	0.394		-4.18	20
cis-1,2-Dichloroethene	0.625	0.593		-5.12	20
Bromochloromethane	0.574	0.540		-5.96	20
Chloroform	1.129	1.065		-5.61	20
1,1,1-Trichloroethane	0.947	0.900		-4.93	20
Methylcyclohexane	0.575	0.599		4.21	20
Benzene	1.543	1.518		-1.61	20
1,2-Dichloroethane	0.563	0.547		-2.77	20
Trichloroethene	0.375	0.365		-2.75	20
1,2-Dichloropropane	0.435	0.415		-4.58	20
Bromodichloromethane	0.527	0.506		-4.02	20
4-Methyl-2-Pentanone	0.479	0.527		9.95	20
Toluene	0.881	0.911		3.49	20
t-1,3-Dichloropropene	0.513	0.547		6.55	20
cis-1,3-Dichloropropene	0.562	0.582		3.45	20
1,1,2-Trichloroethane	0.363	0.360		-0.8	20
2-Hexanone	0.317	0.366		15.47	20
Dibromochloromethane	0.382	0.383		0.34	20
1,2-Dibromoethane	0.352	0.358		1.48	20
Tetrachloroethene	0.390	0.347		-11.05	20
Chlorobenzene	1.105	1.067	0.3	-3.44	20
Ethyl Benzene	1.784	1.809		1.37	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: MSVOA_N Calibration Date/Time: 08/25/2016 17:06
 Lab File ID: VN035625.D Init. Calib. Date(s): 08/25/2016 08/25/2016
 Heated Purge: (Y/N) N Init. Calib. Time(s): 12:06 14:27
 GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.649	0.692		6.75	20
o-Xylene	0.628	0.657		4.6	20
Styrene	1.027	1.106		7.68	20
Bromoform	0.282	0.290	0.1	2.59	20
Isopropylbenzene	3.670	3.856		5.04	20
1,1,2,2-Tetrachloroethane	1.285	1.225	0.3	-4.73	20
1,3-Dichlorobenzene	1.624	1.663		2.35	20
1,4-Dichlorobenzene	1.661	1.630		-1.87	20
1,2-Dichlorobenzene	1.664	1.610		-3.22	20
1,2-Dibromo-3-Chloropropane	0.225	0.215		-4.4	20
1,2,4-Trichlorobenzene	0.908	0.976		7.49	20
1,2,3-Trichlorobenzene	0.898	0.923		2.79	20
1,2-Dichloroethane-d4	0.777	0.739		-4.82	20
Dibromofluoromethane	0.349	0.337		-3.47	20
Toluene-d8	1.297	1.301		0.3	20
4-Bromofluorobenzene	0.440	0.457		4	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID: H4592	OrderDate: 8/25/2016 9:47:26 AM
Client: Bergmann Associates	Project: 1200 E. Main St.
Contact: Stephen DeMeo	Location: L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H4592-01	MW-16	Water	SVOCMS Group1	8270D	08/23/16	08/25/16	08/25/16	08/25/16
H4592-02	MW-11	Water	SVOCMS Group1	8270D	08/23/16	08/25/16	08/25/16	08/25/16
H4592-03	DUPLICATE	Water	SVOCMS Group1	8270D	08/23/16	08/25/16	08/25/16	08/25/16
H4592-04	MW-15R	Water	SVOCMS Group1	8270D	08/23/16	08/25/16	08/25/16	08/25/16
H4592-05	MW-1	Water	SVOCMS Group1	8270D	08/23/16	08/25/16	08/25/16	08/25/16
H4592-06	MW-9R	Water	SVOCMS Group1	8270D	08/23/16	08/25/16	08/25/16	08/25/16
H4592-07	MW-2	Water	SVOCMS Group1	8270D	08/24/16	08/25/16	08/25/16	08/25/16
H4592-08	MW-7R	Water	SVOCMS Group1	8270D	08/24/16	08/25/16	08/25/16	08/25/16
H4592-09	MW-4	Water	SVOCMS Group1	8270D	08/24/16	08/25/16	08/26/16	08/25/16

Hit Summary Sheet
SW-846

SDG No.: H4592
Client: Bergmann Associates

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-16								
H4592-01	MW-16	WATER Dimethylphthalate	3.800	J	0.22	1	10	ug/L
Total Svoc :			3.80					
H4592-01	MW-16	WATER Octadecanoic acid	*	2.500	J	0	0	ug/L
H4592-01	MW-16	WATER unknown7.62	*	71.900	J	0	0	ug/L
H4592-01	MW-16	WATER 2-Pentanone, 4-hydroxy-4-methyl	*	6.700	AB	0	0	ug/L
H4592-01	MW-16	WATER Benzenesulfonamide, N-butyl-	*	10.300	J	0	0	ug/L
Total Tics :			91.40					
Total Concentration:			95.20					
Client ID : MW-11								
H4592-02	MW-11	WATER 1,4-Cyclohexadiene, 3-ethenyl-1,2	*	2.200	J	0	0	ug/L
H4592-02	MW-11	WATER 1,4-Methanonaphthalene, 1,4-dihy	*	2.500	J	0	0	ug/L
H4592-02	MW-11	WATER 1H-Indene, 2,3-dihydro-2-methyl-	*	3.000	J	0	0	ug/L
H4592-02	MW-11	WATER 1H-Indene, 2,3-dihydro-5-methyl-	*	2.300	J	0	0	ug/L
H4592-02	MW-11	WATER 2-Pentanone, 4-hydroxy-4-methyl	*	7.200	AB	0	0	ug/L
H4592-02	MW-11	WATER Benzene, (1-methyl-1-propenyl)-,	*	10.500	J	0	0	ug/L
H4592-02	MW-11	WATER Benzene, 1,2,3-trimethyl-	*	6.500	J	0	0	ug/L
H4592-02	MW-11	WATER Benzene, 1,2,4,5-tetramethyl-	*	3.900	J	0	0	ug/L
H4592-02	MW-11	WATER Benzene, 1,2,4-trimethyl-	*	4.300	J	0	0	ug/L
H4592-02	MW-11	WATER Benzene, 1,3-dimethyl-	*	7.400	J	0	0	ug/L
H4592-02	MW-11	WATER Benzene, 1,4-diethyl-	*	2.700	J	0	0	ug/L
H4592-02	MW-11	WATER Benzene, 1-ethyl-2-methyl-	*	2.700	J	0	0	ug/L
H4592-02	MW-11	WATER Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	*	9.300	J	0	0	ug/L
H4592-02	MW-11	WATER unknown7.62	*	74.100	J	0	0	ug/L
Total Tics :			138.60					
Total Concentration:			138.60					
Client ID : DUPLICATE								
H4592-03	DUPLICATE	WATER Dimethylphthalate	4.700	J	0.22	1	10	ug/L
Total Svoc :			4.70					
H4592-03	DUPLICATE	WATER 1H-Indene, 2,3-dihydro-4-methyl-	*	2.100	J	0	0	ug/L
H4592-03	DUPLICATE	WATER 2-Pentanone, 4-hydroxy-4-methyl	*	7.300	AB	0	0	ug/L
H4592-03	DUPLICATE	WATER Benzene, (1-methyl-1-propenyl)-,	*	8.400	J	0	0	ug/L
H4592-03	DUPLICATE	WATER Benzene, 1,2,3,4-tetramethyl-	*	3.000	J	0	0	ug/L
H4592-03	DUPLICATE	WATER Benzene, 1,2,3-trimethyl-	*	3.500	J	0	0	ug/L
H4592-03	DUPLICATE	WATER Benzene, 1,2,4-trimethyl-	*	2.600	J	0	0	ug/L
H4592-03	DUPLICATE	WATER Benzene, 2-ethenyl-1,4-dimethyl-	*	2.200	J	0	0	ug/L
H4592-03	DUPLICATE	WATER Indane	*	7.500	J	0	0	ug/L
H4592-03	DUPLICATE	WATER unknown7.62	*	61.300	J	0	0	ug/L
Total Tics :			97.90					

Hit Summary Sheet
SW-846

SDG No.: H4592
Client: Bergmann Associates

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Concentration:			102.60					
Client ID : MW-15R								
H4592-04	MW-15R	WATER	Dimethylphthalate	3.000	J	0.22	1	10 ug/L
Total Svoc :			3.00					
H4592-04	MW-15R	WATER	1H-Inden-1-one, 2,3-dihydro-	7.000	J	0		0 ug/L
H4592-04	MW-15R	WATER	1-Methylindan-2-one	3.000	J	0		0 ug/L
H4592-04	MW-15R	WATER	2,2-Dimethylbutanedioic acid	4.700	J	0		0 ug/L
H4592-04	MW-15R	WATER	2,5-Dimethylphenylacetic acid	3.200	J	0		0 ug/L
H4592-04	MW-15R	WATER	2-Cyclopenten-1-one, 3-ethyl-	3.000	J	0		0 ug/L
H4592-04	MW-15R	WATER	2-Pentanone, 4-hydroxy-4-methyl	8.400	AB	0		0 ug/L
H4592-04	MW-15R	WATER	4-Ethylbenzoic acid	4.300	J	0		0 ug/L
H4592-04	MW-15R	WATER	Acetic acid, (2,4-xylyl)-	5.100	J	0		0 ug/L
H4592-04	MW-15R	WATER	Benzene, 1-ethyl-3-methyl-	3.400	J	0		0 ug/L
H4592-04	MW-15R	WATER	Benzene, 1-ethyl-4-methyl-	3.000	J	0		0 ug/L
H4592-04	MW-15R	WATER	Benzeneacetic acid, .alpha.-methy	29.700	J	0		0 ug/L
H4592-04	MW-15R	WATER	Benzoic acid, 2,4,6-trimethyl-	2.600	J	0		0 ug/L
H4592-04	MW-15R	WATER	Benzyl alcohol, 2,3-dimethyl-	3.300	J	0		0 ug/L
H4592-04	MW-15R	WATER	Ethanone, 1-(1-cyclohexen-1-yl)-	3.200	J	0		0 ug/L
H4592-04	MW-15R	WATER	p-Tolylacetic acid	8.800	J	0		0 ug/L
H4592-04	MW-15R	WATER	unknown14.90	3.500	J	0		0 ug/L
H4592-04	MW-15R	WATER	unknown7.62	70.400	J	0		0 ug/L
Total Tics :			166.60					
Total Concentration:			169.60					
Client ID : MW-1								
H4592-05	MW-1	WATER	Dimethylphthalate	3.100	J	0.22	1	10 ug/L
Total Svoc :			3.10					
H4592-05	MW-1	WATER	1,4-Cyclohexanedimethanol, trans	3.800	J	0		0 ug/L
H4592-05	MW-1	WATER	1H-Indene, 2,3-dihydro-4-methyl-	5.600	J	0		0 ug/L
H4592-05	MW-1	WATER	2-Pentanone, 4-hydroxy-4-methyl	7.100	AB	0		0 ug/L
H4592-05	MW-1	WATER	Benzene, 1,2,3-trimethyl-	10.200	J	0		0 ug/L
H4592-05	MW-1	WATER	Cyclobutane, (1-methylethylidene	2.600	J	0		0 ug/L
H4592-05	MW-1	WATER	Mesitylene	6.000	J	0		0 ug/L
H4592-05	MW-1	WATER	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	11.300	J	0		0 ug/L
H4592-05	MW-1	WATER	unknown5.95	2.100	J	0		0 ug/L
H4592-05	MW-1	WATER	unknown7.62	78.900	J	0		0 ug/L
H4592-05	MW-1	WATER	unknown8.74	2.100	J	0		0 ug/L
H4592-05	MW-1	WATER	unknown9.21	2.700	J	0		0 ug/L
Total Tics :			132.40					
Total Concentration:			135.50					
Client ID : MW-9R								
H4592-06	MW-9R	WATER	3+4-Methylphenols	2.500	J	0.38	1	10 ug/L

**Hit Summary Sheet
SW-846**

SDG No.: H4592
Client: Bergmann Associates

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
H4592-06	MW-9R	WATER	2,4-Dimethylphenol	12.200		0.71	1	10	ug/L
H4592-06	MW-9R	WATER	Naphthalene	15.200		0.12	1	10	ug/L
H4592-06	MW-9R	WATER	2-Methylnaphthalene	8.100	J	0.32	1	10	ug/L
H4592-06	MW-9R	WATER	Dimethylphthalate	4.900	J	0.22	1	10	ug/L
Total Svoc :				42.90					
H4592-06	MW-9R	WATER	1H-Inden-1-one, 2,3-dihydro-	*	41.000	J	0	0	ug/L
H4592-06	MW-9R	WATER	1-Methylindan-2-one	*	48.200	J	0	0	ug/L
H4592-06	MW-9R	WATER	2,5-Dimethylphenylacetic acid	*	21.700	J	0	0	ug/L
H4592-06	MW-9R	WATER	4-Ethylbenzoic acid	*	31.500	J	0	0	ug/L
H4592-06	MW-9R	WATER	Benzene, 1,2,3-trimethyl-	*	75.900	J	0	0	ug/L
H4592-06	MW-9R	WATER	Benzene, 1-ethyl-2-methyl-	*	47.200	J	0	0	ug/L
H4592-06	MW-9R	WATER	Benzene, 1-ethyl-3-methyl-	*	37.400	J	0	0	ug/L
H4592-06	MW-9R	WATER	Benzene, 2-ethenyl-1,3-dimethyl-	*	25.000	J	0	0	ug/L
H4592-06	MW-9R	WATER	Benzeneacetic acid, .alpha.-methyl	*	45.700	J	0	0	ug/L
H4592-06	MW-9R	WATER	3,5-Dimethylphenylacetic acid	*	20.700	J	0	0	ug/L
H4592-06	MW-9R	WATER	Hexanoic acid, 2,2-dimethyl-	*	27.400	J	0	0	ug/L
H4592-06	MW-9R	WATER	Indane	*	25.100	J	0	0	ug/L
H4592-06	MW-9R	WATER	o-Cymene	*	20.900	J	0	0	ug/L
H4592-06	MW-9R	WATER	unknown7.62	*	76.400	J	0	0	ug/L
Total Tics :				544.10					
Total Concentration:				587.00					
Client ID : MW-2									
H4592-07	MW-2	WATER	Dimethylphthalate	12.300	J	0.46	2.1	20.8	ug/L
Total Svoc :				12.30					
H4592-07	MW-2	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	21.500	AB	0	0	ug/L
H4592-07	MW-2	WATER	3-Penten-2-one, 4-methyl-	*	6.200	A	0	0	ug/L
H4592-07	MW-2	WATER	unknown7.62	*	170.000	J	0	0	ug/L
Total Tics :				197.70					
Total Concentration:				210.00					
Client ID : MW-7R									
H4592-08	MW-7R	WATER	Dimethylphthalate	3.600	J	0.22	1	10.1	ug/L
Total Svoc :				3.60					
H4592-08	MW-7R	WATER	1H-Inden-1-one, 2,3-dihydro-	*	16.800	J	0	0	ug/L
H4592-08	MW-7R	WATER	1H-Inden-1-one, 2,3-dihydro-2-m	*	5.500	J	0	0	ug/L
H4592-08	MW-7R	WATER	1-Methylindan-2-one	*	21.500	J	0	0	ug/L
H4592-08	MW-7R	WATER	2-Butanol, 2,3-dimethyl-	*	5.400	J	0	0	ug/L
H4592-08	MW-7R	WATER	4-(para-Tolyl)-butyric acid	*	5.200	J	0	0	ug/L
H4592-08	MW-7R	WATER	4-Methylphenyl acetone	*	5.500	J	0	0	ug/L
H4592-08	MW-7R	WATER	5H-Benzocycloheptene,6,7,8,9-tet	*	4.700	J	0	0	ug/L
H4592-08	MW-7R	WATER	Acetic acid, (2,4-xylyl)-	*	25.500	J	0	0	ug/L
H4592-08	MW-7R	WATER	Benzene, 1-ethyl-4-methyl-	*	14.100	J	0	0	ug/L

Hit Summary Sheet
SW-846

SDG No.: H4592
Client: Bergmann Associates

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
H4592-08	MW-7R	WATER Benzene, 2-ethyl-1,4-dimethyl-	*	5.200	J	0	0	ug/L
H4592-08	MW-7R	WATER Benzoic acid, 2,4,6-trimethyl-	*	10.500	J	0	0	ug/L
H4592-08	MW-7R	WATER Indane	*	11.400	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown11.55	*	7.000	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown14.91	*	5.100	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown5.16	*	7.500	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown7.62	*	78.900	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown8.36	*	16.800	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown9.03	*	4.800	J	0	0	ug/L
H4592-08	MW-7R	WATER unknown9.14	*	4.800	J	0	0	ug/L
Total Tics :				256.20				
Total Concentration:				259.80				

Client ID : MW-4

H4592-09	MW-4	WATER Naphthalene		51.100		0.12	1	10.2	ug/L
H4592-09	MW-4	WATER 2-Methylnaphthalene		42.300		0.33	1	10.2	ug/L
H4592-09	MW-4	WATER Dimethylphthalate		23.500		0.22	1	10.2	ug/L
H4592-09	MW-4	WATER Bis(2-ethylhexyl)phthalate		5.200	J	0.16	1	10.2	ug/L
Total Svoc :				122.10					
H4592-09	MW-4	WATER 1H-Indene, 2,3-dihydro-4-methyl-	*	37.500	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 1,2,3-trimethyl-	*	25.100	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 1,2,4,5-tetramethyl-	*	29.000	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 1,3-diethyl-	*	59.400	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 1-ethyl-2,3-dimethyl-	*	62.700	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 1-ethyl-2-methyl-	*	38.100	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 1-methyl-4-(2-propenyl)	*	65.700	J	0		0	ug/L
H4592-09	MW-4	WATER Benzene, 4-ethyl-1,2-dimethyl-	*	25.800	J	0		0	ug/L
H4592-09	MW-4	WATER Dodecane, 2,7,10-trimethyl-	*	61.700	J	0		0	ug/L
H4592-09	MW-4	WATER Dodecane, 4,6-dimethyl-	*	59.400	J	0		0	ug/L
H4592-09	MW-4	WATER Dodecane, 6-methyl-	*	59.100	J	0		0	ug/L
H4592-09	MW-4	WATER Indane	*	24.200	J	0		0	ug/L
H4592-09	MW-4	WATER Mesitylene	*	63.500	J	0		0	ug/L
H4592-09	MW-4	WATER Naphthalene, 1-methyl-	*	32.100	J	0		0	ug/L
H4592-09	MW-4	WATER Naphthalene, 2,3-dimethyl-	*	23.600	J	0		0	ug/L
H4592-09	MW-4	WATER o-Cymene	*	30.700	J	0		0	ug/L
H4592-09	MW-4	WATER Undecane, 2,10-dimethyl-	*	31.500	J	0		0	ug/L
H4592-09	MW-4	WATER unknown10.10	*	24.600	J	0		0	ug/L
H4592-09	MW-4	WATER Cyclopentane, 1-methyl-2-(2-prop	*	31.900	J	0		0	ug/L
Total Tics :				785.60					
Total Concentration:				907.70					

SAMPLE DATA

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-16	SDG No.:	H4592
Lab Sample ID:	H4592-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023898.D	1	08/25/16 08:16	08/25/16 17:56	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	UQ	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	3.8	J	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-16	SDG No.:	H4592
Lab Sample ID:	H4592-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023898.D	1	08/25/16 08:16	08/25/16 17:56	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	UQ	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	UQ	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phtalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-16	SDG No.:	H4592
Lab Sample ID:	H4592-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023898.D	1	08/25/16 08:16	08/25/16 17:56	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	53.3		10 - 130		36%	SPK: 150
13127-88-3	Phenol-d6	33.2		10 - 130		22%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.3		36 - 131		81%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.5		39 - 131		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		25 - 155		68%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		23 - 130		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124110		8.09			
1146-65-2	Naphthalene-d8	549609		10.93			
15067-26-2	Acenaphthene-d10	348582		14.76			
1517-22-2	Phenanthrene-d10	811495		17.52			
1719-03-5	Chrysene-d12	884984		21.84			
1520-96-3	Perylene-d12	888794		25.21			
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.7	AB			5.15	ug/L
	unknown7.62	71.9	J			7.62	ug/L
003622-84-2	Benzenesulfonamide, N-butyl-	10.3	J			17.32	ug/L
000057-11-4	Octadecanoic acid	2.5	J			19.66	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023899.D	1	08/25/16 08:16	08/25/16 18:34	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.1	U	0.78	1	10.1	ug/L
108-95-2	Phenol	10.1	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.1	U	0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	10.1	U	0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	10.1	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.1	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	10.1	U	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.1	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	10.1	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	10.1	U	0.69	1	10.1	ug/L
78-59-1	Isophorone	10.1	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	10.1	U	0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	10.1	U	0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1	U	0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	10.1	U	0.67	1	10.1	ug/L
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	10.1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	10.1	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	10.1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	10.1	U	0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	UQ	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	10.1	U	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	10.1	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	10.1	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	10.1	U	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	10.1	U	0.32	1	10.1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023899.D	1	08/25/16 08:16	08/25/16 18:34	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	10.1	UQ	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	10.1	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	10.1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	10.1	U	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	10.1	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	10.1	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	10.1	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	10.1	UQ	1	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	10.1	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	10.1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	10.1	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.1	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023899.D	1	08/25/16 08:16	08/25/16 18:34	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.1	U	0.2	1	10.1	ug/L
123-91-1	1,4-Dioxane	10.1	U	0.2	5.1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.1	U	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	49.8		10 - 130		33%	SPK: 150
13127-88-3	Phenol-d6	30.8		10 - 130		21%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.1		36 - 131		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	79		39 - 131		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.7		25 - 155		63%	SPK: 150
1718-51-0	Terphenyl-d14	78.6		23 - 130		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135781	8.09				
1146-65-2	Naphthalene-d8	583738	10.93				
15067-26-2	Acenaphthene-d10	381533	14.76				
1517-22-2	Phenanthrene-d10	845209	17.52				
1719-03-5	Chrysene-d12	889589	21.84				
1520-96-3	Perylene-d12	869946	25.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.2	AB			5.16	ug/L
000108-38-3	Benzene, 1,3-dimethyl-	7.4	J			5.72	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	4.3	J			7.46	ug/L
	unknown7.62	74.1	J			7.62	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	6.5	J			7.72	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	2.7	J			8.2	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	9.3	J			8.46	ug/L
000105-05-5	Benzene, 1,4-diethyl-	2.7	J			8.58	ug/L
062338-57-2	1,4-Cyclohexadiene, 3-ethenyl-1,2-	2.2	J			8.73	ug/L
000824-63-5	1H-Indene, 2,3-dihydro-2-methyl-	3	J			9.21	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	3.9	J			9.73	ug/L
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	2.3	J			10.16	ug/L
000768-00-3	Benzene, (1-methyl-1-propenyl)-, (10.5	J			10.31	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-11	SDG No.:	H4592
Lab Sample ID:	H4592-02	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023899.D	1	08/25/16 08:16	08/25/16 18:34	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004453-90-1	1,4-Methanonaphthalene, 1,4-dihydr	2.5	J			12.81	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023900.D	1	08/25/16 08:16	08/25/16 19:11	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	UQ	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	4.7	J	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023900.D	1	08/25/16 08:16	08/25/16 19:11	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	UQ	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	UQ	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phtalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023900.D	1	08/25/16 08:16	08/25/16 19:11	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.8		10 - 130		32%	SPK: 150
13127-88-3	Phenol-d6	32.5		10 - 130		22%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.8		36 - 131		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.3		39 - 131		74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.1		25 - 155		63%	SPK: 150
1718-51-0	Terphenyl-d14	80.5		23 - 130		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125467	8.09				
1146-65-2	Naphthalene-d8	551730	10.92				
15067-26-2	Acenaphthene-d10	363164	14.76				
1517-22-2	Phenanthrene-d10	837816	17.52				
1719-03-5	Chrysene-d12	871085	21.84				
1520-96-3	Perylene-d12	862354	25.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.3	AB			5.15	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	2.6	J			7.46	ug/L
	unknown7.62	61.3	J			7.62	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	3.5	J			7.72	ug/L
000496-11-7	Indane	7.5	J			8.46	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	2.2	J			9.2	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	3	J			9.73	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	2.1	J			10.16	ug/L
000768-00-3	Benzene, (1-methyl-1-propenyl)-, (8.4	J			10.3	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	DUPLICATE	SDG No.:	H4592
Lab Sample ID:	H4592-03	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023900.D	1	08/25/16 08:16	08/25/16 19:11	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023901.D	1	08/25/16 08:16	08/25/16 19:49	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	UQ	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	3	J	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023901.D	1	08/25/16 08:16	08/25/16 19:49	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	UQ	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	UQ	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023901.D	1	08/25/16 08:16	08/25/16 19:49	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	52.8		10 - 130		35%	SPK: 150
13127-88-3	Phenol-d6	34.4		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	76		36 - 131		76%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.4		39 - 131		76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.5		25 - 155		62%	SPK: 150
1718-51-0	Terphenyl-d14	77.7		23 - 130		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143788	8.09				
1146-65-2	Naphthalene-d8	616054	10.93				
15067-26-2	Acenaphthene-d10	397518	14.76				
1517-22-2	Phenanthrene-d10	898248	17.53				
1719-03-5	Chrysene-d12	954759	21.84				
1520-96-3	Perylene-d12	940775	25.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.4	AB			5.16	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	3	J			7.47	ug/L
	unknown7.62	70.4	J			7.62	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	3.4	J			8.2	ug/L
005682-69-9	2-Cyclopenten-1-one, 3-ethyl-	3	J			9.02	ug/L
000597-43-3	2,2-Dimethylbutanedioic acid	4.7	J			9.15	ug/L
000932-66-1	Ethanone, 1-(1-cyclohexen-1-yl)-	3.2	J			9.2	ug/L
013651-14-4	Benzyl alcohol, 2,3-dimethyl-	3.3	J			11.54	ug/L
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	7	J			12.31	ug/L
035587-60-1	1-Methylindan-2-one	3	J			12.65	ug/L
000492-37-5	Benzeneacetic acid, .alpha.-methyl	29.7	J			12.81	ug/L
000622-47-9	p-Tolylacetic acid	8.8	J			12.88	ug/L
000619-64-7	4-Ethylbenzoic acid	4.3	J			13.13	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-15R	SDG No.:	H4592
Lab Sample ID:	H4592-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023901.D	1	08/25/16 08:16	08/25/16 19:49	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	2.6	J			13.77	ug/L
1000342-65-5	2,5-Dimethylphenylacetic acid	3.2	J			13.8	ug/L
006331-04-0	Acetic acid, (2,4-xylyl)-	5.1	J			14.26	ug/L
	unknown14.90	3.5	J			14.9	ug/L

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023902.D	1	08/25/16 08:16	08/25/16 20:27	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	UQ	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	3.1	J	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023902.D	1	08/25/16 08:16	08/25/16 20:27	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	UQ	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	UQ	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phtalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023902.D	1	08/25/16 08:16	08/25/16 20:27	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.7		10 - 130		42%	SPK: 150
13127-88-3	Phenol-d6	38		10 - 130		25%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.9		36 - 131		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.1		39 - 131		84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		25 - 155		67%	SPK: 150
1718-51-0	Terphenyl-d14	85		23 - 130		85%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129451	8.09				
1146-65-2	Naphthalene-d8	559560	10.92				
15067-26-2	Acenaphthene-d10	360022	14.76				
1517-22-2	Phenanthrene-d10	825602	17.52				
1719-03-5	Chrysene-d12	853051	21.84				
1520-96-3	Perylene-d12	830297	25.22				
TENTATIVE IDENTIFIED COMPOUNDS							
001528-22-9	Cyclobutane, (1-methylethylidene)-	2.6	J			4	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.1	AB			5.16	ug/L
	unknown5.95	2.1	J			5.95	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	10.2	J			7.47	ug/L
	unknown7.62	78.9	J			7.62	ug/L
000108-67-8	Mesitylene	6	J			8.2	ug/L
1000191-13-7	Tetracyclo[3.3.1.0(2,8).0(4,6)]-no	11.3	J			8.47	ug/L
	unknown8.74	2.1	J			8.74	ug/L
	unknown9.21	2.7	J			9.21	ug/L
003236-48-4	1,4-Cyclohexanedimethanol, trans-	3.8	J			9.38	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	5.6	J			10.31	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-1	SDG No.:	H4592
Lab Sample ID:	H4592-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023902.D	1	08/25/16 08:16	08/25/16 20:27	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023903.D	1	08/25/16 08:16	08/25/16 21:05	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	2.5	J	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	12.2		0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	15.2		0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	8.1	J	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	UQ	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	4.9	J	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023903.D	1	08/25/16 08:16	08/25/16 21:05	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	UQ	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	UQ	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023903.D	1	08/25/16 08:16	08/25/16 21:05	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.6		10 - 130		38%	SPK: 150
13127-88-3	Phenol-d6	34.9		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	81		36 - 131		81%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.5		39 - 131		84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		25 - 155		72%	SPK: 150
1718-51-0	Terphenyl-d14	85.9		23 - 130		86%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119665	8.09				
1146-65-2	Naphthalene-d8	524977	10.93				
15067-26-2	Acenaphthene-d10	336859	14.76				
1517-22-2	Phenanthrene-d10	782379	17.52				
1719-03-5	Chrysene-d12	823666	21.84				
1520-96-3	Perylene-d12	811153	25.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	47.2	J			7.16	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	37.4	J			7.46	ug/L
	unknown7.62	76.4	J			7.62	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	75.9	J			7.73	ug/L
000813-72-9	Hexanoic acid, 2,2-dimethyl-	27.4	J			8.38	ug/L
000496-11-7	Indane	25.1	J			8.47	ug/L
000527-84-4	o-Cymene	20.9	J			9.19	ug/L
002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	25	J			10.3	ug/L
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	41	J			12.31	ug/L
035587-60-1	1-Methylindan-2-one	48.2	J			12.8	ug/L
000619-64-7	4-Ethylbenzoic acid	31.5	J			12.85	ug/L
000492-37-5	Benzeneacetic acid, .alpha.-methyl	45.7	J			12.92	ug/L
1000342-65-5	2,5-Dimethylphenylacetic acid	21.7	J			13.82	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-9R	SDG No.:	H4592
Lab Sample ID:	H4592-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023903.D	1	08/25/16 08:16	08/25/16 21:05	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
042288-46-0	3,5-Dimethylphenylacetic acid	20.7	J			14.29	ug/L

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-2	SDG No.:	H4592
Lab Sample ID:	H4592-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	480 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023904.D	1	08/25/16 08:16	08/25/16 21:43	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	20.8	U	1.6	2.1	20.8	ug/L
108-95-2	Phenol	20.8	U	0.44	2.1	20.8	ug/L
111-44-4	bis(2-Chloroethyl)ether	20.8	U	1.1	2.1	20.8	ug/L
95-57-8	2-Chlorophenol	20.8	U	1.1	2.1	20.8	ug/L
95-48-7	2-Methylphenol	20.8	U	0.5	2.1	20.8	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	20.8	U	0.35	2.1	20.8	ug/L
98-86-2	Acetophenone	20.8	U	0.29	2.1	20.8	ug/L
65794-96-9	3+4-Methylphenols	20.8	U	0.79	2.1	20.8	ug/L
621-64-7	n-Nitroso-di-n-propylamine	20.8	U	0.42	2.1	20.8	ug/L
67-72-1	Hexachloroethane	20.8	U	0.52	2.1	20.8	ug/L
98-95-3	Nitrobenzene	20.8	U	1.4	2.1	20.8	ug/L
78-59-1	Isophorone	20.8	U	0.63	2.1	20.8	ug/L
88-75-5	2-Nitrophenol	20.8	U	1.1	2.1	20.8	ug/L
105-67-9	2,4-Dimethylphenol	20.8	U	1.5	2.1	20.8	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.8	U	1.1	2.1	20.8	ug/L
120-83-2	2,4-Dichlorophenol	20.8	U	1.4	2.1	20.8	ug/L
91-20-3	Naphthalene	20.8	U	0.25	2.1	20.8	ug/L
106-47-8	4-Chloroaniline	20.8	U	2.1	2.1	20.8	ug/L
87-68-3	Hexachlorobutadiene	20.8	U	0.52	2.1	20.8	ug/L
105-60-2	Caprolactam	20.8	U	2.1	2.1	20.8	ug/L
59-50-7	4-Chloro-3-methylphenol	20.8	U	0.83	2.1	20.8	ug/L
91-57-6	2-Methylnaphthalene	20.8	U	0.67	2.1	20.8	ug/L
77-47-4	Hexachlorocyclopentadiene	20.8	UQ	0.5	2.1	20.8	ug/L
88-06-2	2,4,6-Trichlorophenol	20.8	U	1.2	2.1	20.8	ug/L
95-95-4	2,4,5-Trichlorophenol	20.8	U	0.83	2.1	20.8	ug/L
92-52-4	1,1-Biphenyl	20.8	U	0.31	2.1	20.8	ug/L
91-58-7	2-Chloronaphthalene	20.8	U	0.33	2.1	20.8	ug/L
88-74-4	2-Nitroaniline	20.8	U	1	2.1	20.8	ug/L
131-11-3	Dimethylphthalate	12.3	J	0.46	2.1	20.8	ug/L
208-96-8	Acenaphthylene	20.8	U	1.5	2.1	20.8	ug/L
606-20-2	2,6-Dinitrotoluene	20.8	U	0.67	2.1	20.8	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-2	SDG No.:	H4592
Lab Sample ID:	H4592-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	480 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023904.D	1	08/25/16 08:16	08/25/16 21:43	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	20.8	U	2.1	2.1	20.8	ug/L
83-32-9	Acenaphthene	20.8	U	0.44	2.1	20.8	ug/L
51-28-5	2,4-Dinitrophenol	20.8	UQ	4.4	16.7	20.8	ug/L
100-02-7	4-Nitrophenol	20.8	U	4.2	10.4	20.8	ug/L
132-64-9	Dibenzofuran	20.8	U	0.5	2.1	20.8	ug/L
121-14-2	2,4-Dinitrotoluene	20.8	U	2.1	2.1	20.8	ug/L
84-66-2	Diethylphthalate	20.8	U	0.79	2.1	20.8	ug/L
7005-72-3	4-Chlorophenyl-phenylether	20.8	U	0.44	2.1	20.8	ug/L
86-73-7	Fluorene	20.8	U	0.65	2.1	20.8	ug/L
100-01-6	4-Nitroaniline	20.8	U	2.8	4.2	20.8	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	20.8	U	1.5	4.2	20.8	ug/L
86-30-6	n-Nitrosodiphenylamine	20.8	U	1.3	2.1	20.8	ug/L
101-55-3	4-Bromophenyl-phenylether	20.8	U	0.48	2.1	20.8	ug/L
118-74-1	Hexachlorobenzene	20.8	U	0.38	2.1	20.8	ug/L
1912-24-9	Atrazine	20.8	U	0.83	2.1	20.8	ug/L
87-86-5	Pentachlorophenol	20.8	UQ	2.1	2.1	20.8	ug/L
85-01-8	Phenanthrene	20.8	U	0.54	2.1	20.8	ug/L
120-12-7	Anthracene	20.8	U	0.33	2.1	20.8	ug/L
86-74-8	Carbazole	20.8	U	0.46	2.1	20.8	ug/L
84-74-2	Di-n-butylphthalate	20.8	U	2.1	2.1	20.8	ug/L
206-44-0	Fluoranthene	20.8	U	0.83	2.1	20.8	ug/L
129-00-0	Pyrene	20.8	U	0.42	2.1	20.8	ug/L
85-68-7	Butylbenzylphthalate	20.8	U	0.4	2.1	20.8	ug/L
91-94-1	3,3-Dichlorobenzidine	20.8	U	2.1	2.1	20.8	ug/L
56-55-3	Benzo(a)anthracene	20.8	U	0.33	2.1	20.8	ug/L
218-01-9	Chrysene	20.8	U	0.38	2.1	20.8	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	20.8	U	0.33	2.1	20.8	ug/L
117-84-0	Di-n-octyl phthalate	20.8	U	1.1	2.1	20.8	ug/L
205-99-2	Benzo(b)fluoranthene	20.8	U	0.6	2.1	20.8	ug/L
207-08-9	Benzo(k)fluoranthene	20.8	U	0.38	2.1	20.8	ug/L
50-32-8	Benzo(a)pyrene	20.8	U	0.29	2.1	20.8	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.8	U	0.31	2.1	20.8	ug/L
53-70-3	Dibenzo(a,h)anthracene	20.8	U	0.88	2.1	20.8	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-2	SDG No.:	H4592
Lab Sample ID:	H4592-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	480 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023904.D	1	08/25/16 08:16	08/25/16 21:43	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	20.8	U	0.6	2.1	20.8	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.8	U	0.42	2.1	20.8	ug/L
123-91-1	1,4-Dioxane	20.8	U	0.42	10.4	20.8	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	20.8	U	0.42	2.1	20.8	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	78.9		10 - 130		53%	SPK: 150
13127-88-3	Phenol-d6	55.5		10 - 130		37%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.1		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.3		39 - 131		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		25 - 155		69%	SPK: 150
1718-51-0	Terphenyl-d14	87.4		23 - 130		87%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121207		8.09			
1146-65-2	Naphthalene-d8	505199		10.93			
15067-26-2	Acenaphthene-d10	327315		14.76			
1517-22-2	Phenanthrene-d10	785452		17.52			
1719-03-5	Chrysene-d12	860677		21.84			
1520-96-3	Perylene-d12	785983		25.22			
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	6.2	A			4.55	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	21.5	AB			5.15	ug/L
	unknown7.62	170	J			7.62	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023905.D	1	08/25/16 08:16	08/25/16 22:20	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.1	U	0.78	1	10.1	ug/L
108-95-2	Phenol	10.1	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.1	U	0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	10.1	U	0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	10.1	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.1	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	10.1	U	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.1	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	10.1	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	10.1	U	0.69	1	10.1	ug/L
78-59-1	Isophorone	10.1	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	10.1	U	0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	10.1	U	0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1	U	0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	10.1	U	0.67	1	10.1	ug/L
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	10.1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	10.1	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	10.1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	10.1	U	0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	UQ	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	10.1	U	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	10.1	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	10.1	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	3.6	J	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	10.1	U	0.32	1	10.1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023905.D	1	08/25/16 08:16	08/25/16 22:20	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	10.1	UQ	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	10.1	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	10.1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	10.1	U	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	10.1	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	10.1	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	10.1	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	10.1	UQ	1	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	10.1	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	10.1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	10.1	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.1	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023905.D	1	08/25/16 08:16	08/25/16 22:20	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.1	U	0.2	1	10.1	ug/L
123-91-1	1,4-Dioxane	10.1	U	0.2	5.1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.1	U	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	60		10 - 130		40%	SPK: 150
13127-88-3	Phenol-d6	38.2		10 - 130		25%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.6		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.8		39 - 131		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		25 - 155		68%	SPK: 150
1718-51-0	Terphenyl-d14	81.9		23 - 130		82%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121674		8.09			
1146-65-2	Naphthalene-d8	526342		10.92			
15067-26-2	Acenaphthene-d10	353458		14.77			
1517-22-2	Phenanthrene-d10	817589		17.53			
1719-03-5	Chrysene-d12	869753		21.84			
1520-96-3	Perylene-d12	845528		25.23			
TENTATIVE IDENTIFIED COMPOUNDS							
000594-60-5	2-Butanol, 2,3-dimethyl-	5.4	J			3.74	ug/L
	unknown5.16	7.5	J			5.16	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	14.1	J			7.46	ug/L
	unknown7.62	78.9	J			7.62	ug/L
	unknown8.36	16.8	J			8.36	ug/L
000496-11-7	Indane	11.4	J			8.46	ug/L
	unknown9.03	4.8	J			9.03	ug/L
	unknown9.14	4.8	J			9.14	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	5.2	J			9.2	ug/L
002096-86-8	4-Methylphenyl acetone	5.5	J			11.48	ug/L
	unknown11.55	7	J			11.55	ug/L
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	16.8	J			12.31	ug/L
017496-14-9	1H-Inden-1-one, 2,3-dihydro-2-meth	5.5	J			12.65	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-7R	SDG No.:	H4592
Lab Sample ID:	H4592-08	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023905.D	1	08/25/16 08:16	08/25/16 22:20	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
035587-60-1	1-Methylindan-2-one	21.5	J			12.8	ug/L
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	10.5	J			13.78	ug/L
001075-16-7	5H-Benzocycloheptene,6,7,8,9-tetra	4.7	J			13.9	ug/L
006331-04-0	Acetic acid, (2,4-xylyl)-	25.5	J			13.98	ug/L
004521-22-6	4-(para-Tolyl)-butyric acid	5.2	J			14.85	ug/L
	unknown14.91	5.1	J			14.91	ug/L

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023921.D	1	08/25/16 08:16	08/26/16 11:53	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.2	U	0.79	1	10.2	ug/L
108-95-2	Phenol	10.2	U	0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.2	U	0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	10.2	U	0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	10.2	U	0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.2	U	0.17	1	10.2	ug/L
98-86-2	Acetophenone	10.2	U	0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.2	U	0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	10.2	U	0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	10.2	U	0.69	1	10.2	ug/L
78-59-1	Isophorone	10.2	U	0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	10.2	U	0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	10.2	U	0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	10.2	U	0.67	1	10.2	ug/L
91-20-3	Naphthalene	51.1		0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	10.2	U	1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	10.2	U	0.26	1	10.2	ug/L
105-60-2	Caprolactam	10.2	U	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	10.2	U	0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	42.3		0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	UQ	0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	10.2	U	0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	10.2	U	0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	10.2	U	0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	23.5		0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	10.2	U	0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	10.2	U	0.33	1	10.2	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023921.D	1	08/25/16 08:16	08/26/16 11:53	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.2	U	1	1	10.2	ug/L
83-32-9	Acenaphthene	10.2	U	0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	10.2	UQ	2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	10.2	U	0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	10.2	U	1	1	10.2	ug/L
84-66-2	Diethylphthalate	10.2	U	0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.21	1	10.2	ug/L
86-73-7	Fluorene	10.2	U	0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	10.2	U	1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	10.2	U	0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	10.2	U	0.18	1	10.2	ug/L
1912-24-9	Atrazine	10.2	U	0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	10.2	UQ	1	1	10.2	ug/L
85-01-8	Phenanthrene	10.2	U	0.27	1	10.2	ug/L
120-12-7	Anthracene	10.2	U	0.16	1	10.2	ug/L
86-74-8	Carbazole	10.2	U	0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	10.2	U	1	1	10.2	ug/L
206-44-0	Fluoranthene	10.2	U	0.41	1	10.2	ug/L
129-00-0	Pyrene	10.2	U	0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	10.2	U	0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	10.2	U	0.16	1	10.2	ug/L
218-01-9	Chrysene	10.2	U	0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.2	J	0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	10.2	U	0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	10.2	U	0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	10.2	U	0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.2	U	0.43	1	10.2	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023921.D	1	08/25/16 08:16	08/26/16 11:53	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.2	U	0.2	1	10.2	ug/L
123-91-1	1,4-Dioxane	10.2	U	0.2	5.1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.2	U	0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	21.8		10 - 130		15%	SPK: 150
13127-88-3	Phenol-d6	16.4		10 - 130		11%	SPK: 150
4165-60-0	Nitrobenzene-d5	39.7		36 - 131		40%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.7		39 - 131		41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	38.5		25 - 155		26%	SPK: 150
1718-51-0	Terphenyl-d14	38.8		23 - 130		39%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120181		8.09			
1146-65-2	Naphthalene-d8	507444		10.93			
15067-26-2	Acenaphthene-d10	343727		14.77			
1517-22-2	Phenanthrene-d10	772709		17.53			
1719-03-5	Chrysene-d12	834868		21.84			
1520-96-3	Perylene-d12	830952		25.23			
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	38.1	J			7.47	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	25.1	J			7.73	ug/L
000108-67-8	Mesitylene	63.5	J			8.2	ug/L
000496-11-7	Indane	24.2	J			8.47	ug/L
000141-93-5	Benzene, 1,3-diethyl-	59.4	J			8.73	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	62.7	J			9.2	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	25.8	J			9.54	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	29	J			9.73	ug/L
000527-84-4	o-Cymene	30.7	J			9.79	ug/L
	unknown10.10	24.6	J			10.1	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	37.5	J			10.16	ug/L
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	65.7	J			10.32	ug/L
006044-71-9	Dodecane, 6-methyl-	59.1	J			11.06	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/24/16
Project:	1200 E. Main St.	Date Received:	08/25/16
Client Sample ID:	MW-4	SDG No.:	H4592
Lab Sample ID:	H4592-09	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023921.D	1	08/25/16 08:16	08/26/16 11:53	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
050746-53-7	Cyclopentane, 1-methyl-2-(2-propen	31.9	J			11.61	ug/L
017301-27-8	Undecane, 2,10-dimethyl-	31.5	J			11.83	ug/L
061141-72-8	Dodecane, 4,6-dimethyl-	59.4	J			11.93	ug/L
000090-12-0	Naphthalene, 1-methyl-	32.1	J			12.81	ug/L
074645-98-0	Dodecane, 2,7,10-trimethyl-	61.7	J			13.27	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	23.6	J			14.08	ug/L

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

QC
SUMMARY

Surrogate Summary

SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H4588-04MS	MW-04MS	2-Fluorophenol	150	56.25	38		10	130
		Phenol-d6	150	36.17	24		10	130
		Nitrobenzene-d5	100	75.18	75		36	131
		2-Fluorobiphenyl	100	75.31	75		39	131
		2,4,6-Tribromophenol	150	86.98	58		25	155
H4588-05MSD	MW-04MSD	2-Fluorophenol	150	55.72	37		10	130
		Phenol-d6	150	34.82	23		10	130
		Nitrobenzene-d5	100	77.48	77		36	131
		2-Fluorobiphenyl	100	74.91	75		39	131
		2,4,6-Tribromophenol	150	86.51	58		25	155
H4592-01	MW-16	2-Fluorophenol	150	53.31	36		10	130
		Phenol-d6	150	33.18	22		10	130
		Nitrobenzene-d5	100	81.30	81		36	131
		2-Fluorobiphenyl	100	83.50	83		39	131
		2,4,6-Tribromophenol	150	101.52	68		25	155
H4592-02	MW-11	2-Fluorophenol	150	49.76	33		10	130
		Phenol-d6	150	30.84	21		10	130
		Nitrobenzene-d5	100	77.08	77		36	131
		2-Fluorobiphenyl	100	78.98	79		39	131
		2,4,6-Tribromophenol	150	94.70	63		25	155
H4592-03	DUPLICATE	2-Fluorophenol	150	47.82	32		10	130
		Phenol-d6	150	32.47	22		10	130
		Nitrobenzene-d5	100	70.77	71		36	131
		2-Fluorobiphenyl	100	74.26	74		39	131
		2,4,6-Tribromophenol	150	94.07	63		25	155
H4592-04	MW-15R	2-Fluorophenol	150	52.76	35		10	130
		Phenol-d6	150	34.38	23		10	130
		Nitrobenzene-d5	100	76.00	76		36	131
		2-Fluorobiphenyl	100	76.38	76		39	131
		2,4,6-Tribromophenol	150	92.49	62		25	155
H4592-05	MW-1	2-Fluorophenol	150	62.68	42		10	130
		Phenol-d6	150	38.02	25		10	130
		Nitrobenzene-d5	100	83.87	84		36	131
		2-Fluorobiphenyl	100	84.05	84		39	131
		2,4,6-Tribromophenol	150	100.95	67		25	155
H4592-06	MW-9R	2-Fluorophenol	150	56.58	38		10	130
		Phenol-d6	150	34.92	23		10	130
		Nitrobenzene-d5	100	81.02	81		36	131
		2-Fluorobiphenyl	100	84.46	84		39	131
		2,4,6-Tribromophenol	150	108.57	72		25	155
H4592-07	MW-2	2-Fluorophenol	150	78.91	53		10	130
		Phenol-d6	150	55.46	37		10	130
		Nitrobenzene-d5	100	82.13	82		36	131
		2-Fluorobiphenyl	100	83.28	83		39	131

Surrogate Summary

SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H4592-07	MW-2	2,4,6-Tribromophenol	150	103.15	69		25	155
		Terphenyl-d14	100	87.37	87		23	130
H4592-08	MW-7R	2-Fluorophenol	150	59.97	40		10	130
		Phenol-d6	150	38.15	25		10	130
		Nitrobenzene-d5	100	81.61	82		36	131
		2-Fluorobiphenyl	100	79.75	80		39	131
		2,4,6-Tribromophenol	150	101.37	68		25	155
H4592-09	MW-4	Terphenyl-d14	100	81.91	82		23	130
		2-Fluorophenol	150	21.76	15		10	130
		Phenol-d6	150	16.44	11		10	130
		Nitrobenzene-d5	100	39.66	40		36	131
		2-Fluorobiphenyl	100	40.67	41		39	131
		2,4,6-Tribromophenol	150	38.45	26		25	155
		Terphenyl-d14	100	38.79	39		23	130
PB93089BL	PB93089BL	2-Fluorophenol	150	110.49	74		10	130
		Phenol-d6	150	100.78	67		10	130
		Nitrobenzene-d5	100	72.80	73		36	131
		2-Fluorobiphenyl	100	76.14	76		39	131
		2,4,6-Tribromophenol	150	92.91	62		25	155
PB93089BS	PB93089BS	Terphenyl-d14	100	76.91	77		23	130
		2-Fluorophenol	150	77.53	52		10	130
		Phenol-d6	150	73.76	49		10	130
		Nitrobenzene-d5	100	82.11	82		36	131
		2-Fluorobiphenyl	100	75.10	75		39	131
		2,4,6-Tribromophenol	150	65.43	44		25	155
		Terphenyl-d14	100	65.56	66		23	130

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8270D

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	H4588-04MS	Client Sample ID:		MW-04MS		DataFile: BG023907.D					
Benzaldehyde	51	0	9.2	ug/L	18					10	137
Phenol	51	0	13.3	ug/L	26					10	130
bis(2-Chloroethyl)ether	51	0	33.5	ug/L	66					29	141
2-Chlorophenol	51	0	30.2	ug/L	59					23	127
2-Methylphenol	51	0	26	ug/L	51					14	118
2,2-oxybis(1-Chloropropane)	51	0	32	ug/L	63					36	141
Acetophenone	51	0	31.1	ug/L	61					31	164
3+4-Methylphenols	51	0	23.1	ug/L	45					12	109
N-Nitroso-di-n-propylamine	51	0	32.6	ug/L	64					36	147
Hexachloroethane	51	0	33.6	ug/L	66					19	149
Nitrobenzene	51	0	37.8	ug/L	74					30	150
Isophorone	51	0	36.5	ug/L	72					39	146
2-Nitrophenol	51	0	34.7	ug/L	68					30	148
2,4-Dimethylphenol	51	0	32.9	ug/L	65					17	143
bis(2-Chloroethoxy)methane	51	0	33.7	ug/L	66					39	143
2,4-Dichlorophenol	51	0	35.5	ug/L	70					22	146
Naphthalene	51	0	34.3	ug/L	67					17	157
4-Chloroaniline	51	0	10.1	ug/L	20					10	95
Hexachlorobutadiene	51	0	34.2	ug/L	67					20	150
Caprolactam	51	0	6.7	ug/L	13					10	130
4-Chloro-3-methylphenol	51	0	30.8	ug/L	60					17	148
2-Methylnaphthalene	51	0	34.2	ug/L	67					38	146
Hexachlorocyclopentadiene	100	0	31.1	ug/L	31					20	153
2,4,6-Trichlorophenol	51	0	35.7	ug/L	70					24	155
2,4,5-Trichlorophenol	51	0	35.4	ug/L	69					26	154
1,1-Biphenyl	51	0	32.3	ug/L	63					38	154
2-Chloronaphthalene	51	0	36.3	ug/L	71					41	145
2-Nitroaniline	51	0	36.1	ug/L	71					39	151
Dimethylphthalate	51	8	42.9	ug/L	68					42	147
Acenaphthylene	51	0	34.6	ug/L	68					40	141
2,6-Dinitrotoluene	51	0	35.1	ug/L	69					43	148
3-Nitroaniline	51	0	13.1	ug/L	26					10	111
Acenaphthene	51	0	36.6	ug/L	72					37	146
2,4-Dinitrophenol	100	0	57.6	ug/L	58					14	167
4-Nitrophenol	100	0	26.1	ug/L	26					10	130
Dibenzofuran	51	0	39	ug/L	76					41	145
2,4-Dinitrotoluene	51	0	35	ug/L	69					41	152
Diethylphthalate	51	0	36.9	ug/L	72					41	148
4-Chlorophenyl-phenylether	51	0	34.7	ug/L	68					38	149
Fluorene	51	0	36	ug/L	71					39	144
4-Nitroaniline	51	0	22.9	ug/L	45					27	138
4,6-Dinitro-2-methylphenol	51	0	34.2	ug/L	67					32	175
N-Nitrosodiphenylamine	51	0	38.5	ug/L	75					40	150
4-Bromophenyl-phenylether	51	0	36.5	ug/L	72					42	151
Hexachlorobenzene	51	0	34.5	ug/L	68					33	154
Atrazine	51	0	27.8	ug/L	55					20	162
Pentachlorophenol	100	0	66.9	ug/L	67					28	171

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
Phenanthrene	51	0	38	ug/L	75					40	147
Anthracene	51	0	38.6	ug/L	76					41	146
Carbazole	51	0	39.7	ug/L	78					37	154
Di-n-butylphthalate	51	0	46.2	ug/L	91					40	151
Fluoranthene	51	0	43.9	ug/L	86					42	146
Pyrene	51	0	34.5	ug/L	68					41	149
Butylbenzylphthalate	51	0	41.2	ug/L	81					39	155
3,3-Dichlorobenzidine	51	0	0	ug/L	0	*				10	114
Benzo(a)anthracene	51	0	37.8	ug/L	74					41	147
Chrysene	51	0	36.9	ug/L	72					44	144
bis(2-Ethylhexyl)phthalate	51	0	41.5	ug/L	81					33	160
Di-n-octyl phthalate	51	0	41.2	ug/L	81					36	158
Benzo(b)fluoranthene	51	0	36.7	ug/L	72					40	150
Benzo(k)fluoranthene	51	0	36.6	ug/L	72					40	147
Benzo(a)pyrene	51	0	37	ug/L	73					42	147
Indeno(1,2,3-cd)pyrene	51	0	36.8	ug/L	72					30	166
Dibenz(a,h)anthracene	51	0	37.1	ug/L	73					23	172
Benzo(g,h,i)perylene	51	0	36	ug/L	71					27	167
1,2,4,5-Tetrachlorobenzene	51	0	28	ug/L	55	*				89	102
1,4-Dioxane	51	0	13.5	ug/L	26	*				38	130
2,3,4,6-Tetrachlorophenol	51	0	36	ug/L	71	*				91	111

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8270D

Parameter	Spike	Sample			Rec	Rec		RPD		Limits	
		Result	Result	Units		Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	H4588-05MSD	Client Sample ID:	MW-04MSD			DataFile:		BG023908.D			
Benzaldehyde	51.5	0	9	ug/L	17	6			10	137	20
Phenol	51.5	0	13.7	ug/L	27	4			10	130	20
bis(2-Chloroethyl)ether	51.5	0	35.3	ug/L	69	4			29	141	20
2-Chlorophenol	51.5	0	31.5	ug/L	61	3			23	127	20
2-Methylphenol	51.5	0	26.4	ug/L	51	0			14	118	20
2,2-oxybis(1-Chloropropane)	51.5	0	34.2	ug/L	66	5			36	141	20
Acetophenone	51.5	0	33.1	ug/L	64	5			31	164	20
3+4-Methylphenols	51.5	0	23.6	ug/L	46	2			12	109	20
N-Nitroso-di-n-propylamine	51.5	0	34.7	ug/L	67	5			36	147	20
Hexachloroethane	51.5	0	35.8	ug/L	70	6			19	149	20
Nitrobenzene	51.5	0	40.1	ug/L	78	5			30	150	20
Isophorone	51.5	0	39.4	ug/L	77	7			39	146	20
2-Nitrophenol	51.5	0	36.4	ug/L	71	4			30	148	20
2,4-Dimethylphenol	51.5	0	34.6	ug/L	67	3			17	143	20
bis(2-Chloroethoxy)methane	51.5	0	36.9	ug/L	72	9			39	143	20
2,4-Dichlorophenol	51.5	0	37.3	ug/L	72	3			22	146	20
Naphthalene	51.5	0	37.3	ug/L	72	7			17	157	20
4-Chloroaniline	51.5	0	15.9	ug/L	31	43	*		10	95	20
Hexachlorobutadiene	51.5	0	35.9	ug/L	70	4			20	150	20
Caprolactam	51.5	0	6.8	ug/L	13	0			10	130	20
4-Chloro-3-methylphenol	51.5	0	32.8	ug/L	64	6			17	148	20
2-Methylnaphthalene	51.5	0	36.3	ug/L	70	4			38	146	20
Hexachlorocyclopentadiene	100	0	34.2	ug/L	34	9			20	153	20
2,4,6-Trichlorophenol	51.5	0	35.7	ug/L	69	1			24	155	20
2,4,5-Trichlorophenol	51.5	0	35.6	ug/L	69	0			26	154	20
1,1-Biphenyl	51.5	0	33.4	ug/L	65	3			38	154	20
2-Chloronaphthalene	51.5	0	37.4	ug/L	73	3			41	145	20
2-Nitroaniline	51.5	0	39.4	ug/L	77	8			39	151	20
Dimethylphthalate	51.5	8	43.1	ug/L	68	0			42	147	20
Acenaphthylene	51.5	0	35.9	ug/L	70	3			40	141	20
2,6-Dinitrotoluene	51.5	0	36.2	ug/L	70	1			43	148	20
3-Nitroaniline	51.5	0	17.9	ug/L	35	30	*		10	111	20
Acenaphthene	51.5	0	37.4	ug/L	73	1			37	146	20
2,4-Dinitrophenol	100	0	61.1	ug/L	61	5			14	167	20
4-Nitrophenol	100	0	25	ug/L	25	4			10	130	20
Dibenzofuran	51.5	0	40.7	ug/L	79	4			41	145	20
2,4-Dinitrotoluene	51.5	0	38	ug/L	74	7			41	152	20
Diethylphthalate	51.5	0	38.9	ug/L	76	5			41	148	20
4-Chlorophenyl-phenylether	51.5	0	35.6	ug/L	69	1			38	149	20
Fluorene	51.5	0	37.3	ug/L	72	1			39	144	20
4-Nitroaniline	51.5	0	24.6	ug/L	48	6			27	138	20
4,6-Dinitro-2-methylphenol	51.5	0	35	ug/L	68	1			32	175	20
N-Nitrosodiphenylamine	51.5	0	40.1	ug/L	78	4			40	150	20
4-Bromophenyl-phenylether	51.5	0	37.9	ug/L	74	3			42	151	20
Hexachlorobenzene	51.5	0	36	ug/L	70	3			33	154	20
Atrazine	51.5	0	27.5	ug/L	53	4			20	162	20
Pentachlorophenol	100	0	67.7	ug/L	68	1			28	171	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H4592

Client: Bergmann Associates

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
Phenanthrene	51.5	0	39.2	ug/L	76		1		40	147	20
Anthracene	51.5	0	40.1	ug/L	78		3		41	146	20
Carbazole	51.5	0	41.2	ug/L	80		3		37	154	20
Di-n-butylphthalate	51.5	0	48.3	ug/L	94		3		40	151	20
Fluoranthene	51.5	0	45.6	ug/L	89		3		42	146	20
Pyrene	51.5	0	37.7	ug/L	73		7		41	149	20
Butylbenzylphthalate	51.5	0	43.4	ug/L	84		4		39	155	20
3,3-Dichlorobenzidine	51.5	0	0	ug/L	0	*	0		10	114	20
Benzo(a)anthracene	51.5	0	39.7	ug/L	77		4		41	147	20
Chrysene	51.5	0	38.9	ug/L	76		5		44	144	20
bis(2-Ethylhexyl)phthalate	51.5	0	43.7	ug/L	85		5		33	160	20
Di-n-octyl phthalate	51.5	0	42.7	ug/L	83		2		36	158	20
Benzo(b)fluoranthene	51.5	0	38.2	ug/L	74		3		40	150	20
Benzo(k)fluoranthene	51.5	0	39.1	ug/L	76		5		40	147	20
Benzo(a)pyrene	51.5	0	39.1	ug/L	76		4		42	147	20
Indeno(1,2,3-cd)pyrene	51.5	0	38.3	ug/L	74		3		30	166	20
Dibenz(a,h)anthracene	51.5	0	39.3	ug/L	76		4		23	172	20
Benzo(g,h,i)perylene	51.5	0	37.9	ug/L	74		4		27	167	20
1,2,4,5-Tetrachlorobenzene	51.5	0	28.7	ug/L	56	*	2		89	102	20
1,4-Dioxane	51.5	0	15	ug/L	29	*	11		38	130	20
2,3,4,6-Tetrachlorophenol	51.5	0	36.8	ug/L	71	*	0		91	111	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
 SW-846

 SDG No.: H4592

 Client: Bergmann Associates

 Analytical Method: 8270D DataFile: BG023919.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB93089BS	Benzaldehyde	50	46.5	ug/L	93				10	109	
	Phenol	50	38.1	ug/L	76				10	130	
	bis(2-Chloroethyl)ether	50	37.8	ug/L	76				46	116	
	2-Chlorophenol	50	39.7	ug/L	79				40	105	
	2-Methylphenol	50	38.9	ug/L	78				32	94	
	2,2-oxybis(1-Chloropropane)	50	38.6	ug/L	77				60	113	
	Acetophenone	50	38.6	ug/L	77				64	120	
	3+4-Methylphenols	50	38	ug/L	76				24	91	
	N-Nitroso-di-n-propylamine	50	36.1	ug/L	72				61	115	
	Hexachloroethane	50	42.4	ug/L	85				52	104	
	Nitrobenzene	50	44.2	ug/L	88				49	120	
	Isophorone	50	39.9	ug/L	80				65	114	
	2-Nitrophenol	50	43.7	ug/L	87				57	116	
	2,4-Dimethylphenol	50	40.5	ug/L	81				43	108	
	bis(2-Chloroethoxy)methane	50	35.7	ug/L	71				65	111	
	2,4-Dichlorophenol	50	41.8	ug/L	84				49	113	
	Naphthalene	50	38	ug/L	76				61	107	
	4-Chloroaniline	50	35.3	ug/L	71				10	93	
	Hexachlorobutadiene	50	42.5	ug/L	85				35	120	
	Caprolactam	50	35.9	ug/L	72				10	130	
	4-Chloro-3-methylphenol	50	38.1	ug/L	76				51	109	
	2-Methylnaphthalene	50	36.7	ug/L	73				63	110	
	Hexachlorocyclopentadiene	100	25	ug/L	25		*		42	121	
	2,4,6-Trichlorophenol	50	40.1	ug/L	80				62	114	
	2,4,5-Trichlorophenol	50	38.9	ug/L	78				58	116	
	1,1-Biphenyl	50	38.2	ug/L	76				65	117	
	2-Chloronaphthalene	50	39	ug/L	78				65	111	
	2-Nitroaniline	50	40.4	ug/L	81				63	119	
	Dimethylphthalate	50	39.5	ug/L	79				68	112	
	Acenaphthylene	50	37.8	ug/L	76				65	110	
	2,6-Dinitrotoluene	50	39.1	ug/L	78				68	115	
	3-Nitroaniline	50	35.5	ug/L	71				16	104	
	Acenaphthene	50	38.8	ug/L	78				66	114	
	2,4-Dinitrophenol	100	32.9	ug/L	33		*		35	129	
	4-Nitrophenol	100	31.6	ug/L	32				10	130	
	Dibenzofuran	50	36.9	ug/L	74				66	111	
	2,4-Dinitrotoluene	50	39.6	ug/L	79				65	119	
	Diethylphthalate	50	38.3	ug/L	77				66	116	
	4-Chlorophenyl-phenylether	50	38	ug/L	76				66	113	
	Fluorene	50	37.3	ug/L	75				66	112	
	4-Nitroaniline	50	36	ug/L	72				53	115	
	4,6-Dinitro-2-methylphenol	50	39	ug/L	78				47	137	
	N-Nitrosodiphenylamine	50	38.6	ug/L	77				65	116	
	4-Bromophenyl-phenylether	50	40.2	ug/L	80				66	119	
	Hexachlorobenzene	50	38.7	ug/L	77				57	121	
	Atrazine	50	40	ug/L	80				53	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

 SDG No.: H4592

 Client: Bergmann Associates

 Analytical Method: 8270D DataFile: BG023919.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB93089BS	Pentachlorophenol	100	31.4	ug/L	31		*		51	128	
	Phenanthrene	50	36.9	ug/L	74				68	112	
	Anthracene	50	37.5	ug/L	75				69	112	
	Carbazole	50	38.9	ug/L	78				65	115	
	Di-n-butylphthalate	50	45	ug/L	90				67	117	
	Fluoranthene	50	43.9	ug/L	88				67	115	
	Pyrene	50	35.6	ug/L	71				67	116	
	Butylbenzylphthalate	50	44.2	ug/L	88				66	121	
	3,3-Dichlorobenzidine	50	37.9	ug/L	76				13	119	
	Benzo(a)anthracene	50	38.5	ug/L	77				64	117	
	Chrysene	50	38.1	ug/L	76				65	116	
	bis(2-Ethylhexyl)phthalate	50	43.4	ug/L	87				61	123	
	Di-n-octyl phthalate	50	41.1	ug/L	82				63	123	
	Benzo(b)fluoranthene	50	40.3	ug/L	81				62	122	
	Benzo(k)fluoranthene	50	38.4	ug/L	77				60	123	
	Benzo(a)pyrene	50	40	ug/L	80				65	118	
	Indeno(1,2,3-cd)pyrene	50	39.4	ug/L	79				50	133	
	Dibenz(a,h)anthracene	50	39.2	ug/L	78				45	150	
	Benzo(g,h,i)perylene	50	36.2	ug/L	72				64	123	
	1,2,4,5-Tetrachlorobenzene	50	41.3	ug/L	83				60	105	
	1,4-Dioxane	50	37.9	ug/L	76				70	130	
	2,3,4,6-Tetrachlorophenol	50	35.6	ug/L	71				66	110	

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB93089BL

Lab Name: CHEMTECH

Contract: BERG03

Lab Code: CHEM Case No.: H4592

SAS No.: H4592 SDG NO.: H4592

Lab File ID: BG023918.D

Lab Sample ID: PB93089BL

Instrument ID: BNA_G

Date Extracted: 08/25/2016

Matrix: (soil/water) water

Date Analyzed: 08/26/2016

Level: (low/med) LOW

Time Analyzed: 09:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB93089BS	PB93089BS	BG023919.D	08/26/2016
MW-4	H4592-09	BG023921.D	08/26/2016
MW-04MS	H4588-04MS	BG023907.D	08/25/2016
MW-04MSD	H4588-05MSD	BG023908.D	08/26/2016
MW-16	H4592-01	BG023898.D	08/25/2016
MW-11	H4592-02	BG023899.D	08/25/2016
DUPLICATE	H4592-03	BG023900.D	08/25/2016
MW-15R	H4592-04	BG023901.D	08/25/2016
MW-1	H4592-05	BG023902.D	08/25/2016
MW-9R	H4592-06	BG023903.D	08/25/2016
MW-2	H4592-07	BG023904.D	08/25/2016
MW-7R	H4592-08	BG023905.D	08/25/2016

COMMENTS: _____

A
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C
D
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F
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM SAS No.: H4592 SDG NO.: H4592
 Lab File ID: BG023380.D DFTPP Injection Date: 08/01/2016
 Instrument ID: BNA_G DFTPP Injection Time: 10:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.8
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	40.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	19.2 (20.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC02.5	SSTDICC02.5	BG023382.D	08/01/2016	13:53
SSTDICC010	SSTDICC010	BG023383.D	08/01/2016	14:33
SSTDICC025	SSTDICC025	BG023384.D	08/01/2016	15:12
SSTDICCC040	SSTDICCC040	BG023385.D	08/01/2016	15:52
SSTDICC050	SSTDICC050	BG023386.D	08/01/2016	16:36
SSTDICC060	SSTDICC060	BG023387.D	08/01/2016	17:16
SSTDICC080	SSTDICC080	BG023388.D	08/01/2016	17:57

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM SAS No.: H4592 SDG NO.: H4592
 Lab File ID: BG023895.D DFTPP Injection Date: 08/25/2016
 Instrument ID: BNA_G DFTPP Injection Time: 15:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.7
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	41.2
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	43.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	74.8
443	15.0 - 24.0% of mass 442	14.6 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG023896.D	08/25/2016	15:42
MW-16	H4592-01	BG023898.D	08/25/2016	17:56
MW-11	H4592-02	BG023899.D	08/25/2016	18:34
DUPLICATE	H4592-03	BG023900.D	08/25/2016	19:11
MW-15R	H4592-04	BG023901.D	08/25/2016	19:49
MW-1	H4592-05	BG023902.D	08/25/2016	20:27
MW-9R	H4592-06	BG023903.D	08/25/2016	21:05
MW-2	H4592-07	BG023904.D	08/25/2016	21:43
MW-7R	H4592-08	BG023905.D	08/25/2016	22:20
MW-04MS	H4588-04MS	BG023907.D	08/25/2016	23:36
MW-04MSD	H4588-05MSD	BG023908.D	08/26/2016	00:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM SAS No.: H4592 SDG NO.: H4592
 Lab File ID: BG023910.D DFTPP Injection Date: 08/26/2016
 Instrument ID: BNA_G DFTPP Injection Time: 01:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	44.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	71.9
443	15.0 - 24.0% of mass 442	13.7 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG023911.D	08/26/2016	02:08
PB93089BL	PB93089BL	BG023918.D	08/26/2016	09:15
PB93089BS	PB93089BS	BG023919.D	08/26/2016	10:37
MW-4	H4592-09	BG023921.D	08/26/2016	11:53

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/25/2016
 Lab File ID: BG023896.D Time Analyzed: 15:42
 Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	208465	8.1	897184	10.93	568120	14.77
UPPER LIMIT	416930	8.6	1794370	11.43	1136240	15.27
LOWER LIMIT	104233	7.6	448592	10.43	284060	14.27
EPA SAMPLE NO.						
01 MW-16	124110	8.09	549609	10.93	348582	14.76
02 MW-11	135781	8.09	583738	10.93	381533	14.76
03 DUPLICATE	125467	8.09	551730	10.92	363164	14.76
04 MW-15R	143788	8.09	616054	10.93	397518	14.76
05 MW-1	129451	8.09	559560	10.92	360022	14.76
06 MW-04MS	139034	8.09	608191	10.93	382875	14.76
07 MW-04MSD	124789	8.09	551734	10.93	365466	14.76
08 MW-9R	119665	8.09	524977	10.93	336859	14.76
09 MW-2	121207	8.09	505199	10.93	327315	14.76
10 MW-7R	121674	8.09	526342	10.92	353458	14.77

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/25/2016
 Lab File ID: BG023896.D Time Analyzed: 15:42
 Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1261570	17.53	1312280	21.85	1343130	25.23
UPPER LIMIT	2523140	18.03	2624560	22.35	2686260	25.73
LOWER LIMIT	630785	17.03	656140	21.35	671565	24.73
EPA SAMPLE NO.						
01 MW-16	811495	17.52	884984	21.84	888794	25.21
02 MW-11	845209	17.52	889589	21.84	869946	25.22
03 DUPLICATE	837816	17.52	871085	21.84	862354	25.22
04 MW-15R	898248	17.53	954759	21.84	940775	25.22
05 MW-1	825602	17.52	853051	21.84	830297	25.22
06 MW-04MS	826525	17.53	841766	21.85	855603	25.23
07 MW-04MSD	790939	17.53	777567	21.85	784968	25.23
08 MW-9R	782379	17.52	823666	21.84	811153	25.22
09 MW-2	785452	17.52	860677	21.84	785983	25.22
10 MW-7R	817589	17.53	869753	21.84	845528	25.23

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/26/2016
 Lab File ID: BG023911.D Time Analyzed: 02:08
 Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	202657	8.1	910539	10.93	597204	14.77
UPPER LIMIT	405314	8.6	1821080	11.43	1194410	15.27
LOWER LIMIT	101329	7.6	455270	10.43	298602	14.27
EPA SAMPLE NO.						
01 MW-4	120181	8.09	507444	10.93	343727	14.77
02 PB93089BL	120425	8.11	522156	10.95	331704	14.78
03 PB93089BS	212735	8.10	930322	10.94	600577	14.77

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG NO.: H4592
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/26/2016
 Lab File ID: BG023911.D Time Analyzed: 02:08
 Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1349090	17.54	1410260	21.85	1415920	25.23
UPPER LIMIT	2698180	18.04	2820520	22.35	2831840	25.73
LOWER LIMIT	674545	17.04	705130	21.35	707960	24.73
EPA SAMPLE NO.						
01 MW-4	772709	17.53	834868	21.84	830952	25.23
02 PB93089BL	813088	17.54	885536	21.85	837508	25.24
03 PB93089BS	1339110	17.54	1345140	21.85	1366160	25.23

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	PB93089BL	SDG No.:	H4592
Lab Sample ID:	PB93089BL	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023918.D	1	08/25/16 08:16	08/26/16 09:15	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	10	U	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	PB93089BL	SDG No.:	H4592
Lab Sample ID:	PB93089BL	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023918.D	1	08/25/16 08:16	08/26/16 09:15	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	PB93089BL	SDG No.:	H4592
Lab Sample ID:	PB93089BL	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023918.D	1	08/25/16 08:16	08/26/16 09:15	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110		10 - 130		74%	SPK: 150
13127-88-3	Phenol-d6	100		10 - 130		67%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.8		36 - 131		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		39 - 131		76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.9		25 - 155		62%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		23 - 130		77%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120425		8.11			
1146-65-2	Naphthalene-d8	522156		10.95			
15067-26-2	Acenaphthene-d10	331704		14.78			
1517-22-2	Phenanthrene-d10	813088		17.54			
1719-03-5	Chrysene-d12	885536		21.85			
1520-96-3	Perylene-d12	837508		25.24			
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown2.97	87.4	J			2.97	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	20.2	A			5.18	ug/L
	unknown7.65	85.6	J			7.65	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	PB93089BS	SDG No.:	H4592
Lab Sample ID:	PB93089BS	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023919.D	1	08/25/16 08:16	08/26/16 10:37	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	46.5		0.77	1	10	ug/L
108-95-2	Phenol	38.1		0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.8		0.55	1	10	ug/L
95-57-8	2-Chlorophenol	39.7		0.54	1	10	ug/L
95-48-7	2-Methylphenol	38.9		0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38.6		0.17	1	10	ug/L
98-86-2	Acetophenone	38.6		0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	38		0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.1		0.2	1	10	ug/L
67-72-1	Hexachloroethane	42.4		0.25	1	10	ug/L
98-95-3	Nitrobenzene	44.2		0.68	1	10	ug/L
78-59-1	Isophorone	39.9		0.3	1	10	ug/L
88-75-5	2-Nitrophenol	43.7		0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	40.5		0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	35.7		0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	41.8		0.66	1	10	ug/L
91-20-3	Naphthalene	38		0.12	1	10	ug/L
106-47-8	4-Chloroaniline	35.3		1	1	10	ug/L
87-68-3	Hexachlorobutadiene	42.5		0.25	1	10	ug/L
105-60-2	Caprolactam	35.9		1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38.1		0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	36.7		0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	25		0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	40.1		0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	38.9		0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	38.2		0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	39		0.16	1	10	ug/L
88-74-4	2-Nitroaniline	40.4		0.49	1	10	ug/L
131-11-3	Dimethylphthalate	39.5		0.22	1	10	ug/L
208-96-8	Acenaphthylene	37.8		0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	39.1		0.32	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	PB93089BS	SDG No.:	H4592
Lab Sample ID:	PB93089BS	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023919.D	1	08/25/16 08:16	08/26/16 10:37	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	35.5		1	1	10	ug/L
83-32-9	Acenaphthene	38.8		0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	32.9		2.1	8	10	ug/L
100-02-7	4-Nitrophenol	31.6		2	5	10	ug/L
132-64-9	Dibenzofuran	36.9		0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	39.6		1	1	10	ug/L
84-66-2	Diethylphthalate	38.3		0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		0.21	1	10	ug/L
86-73-7	Fluorene	37.3		0.31	1	10	ug/L
100-01-6	4-Nitroaniline	36		1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	39		0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	38.6		0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	40.2		0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	38.7		0.18	1	10	ug/L
1912-24-9	Atrazine	40		0.4	1	10	ug/L
87-86-5	Pentachlorophenol	31.4		1	1	10	ug/L
85-01-8	Phenanthrene	36.9		0.26	1	10	ug/L
120-12-7	Anthracene	37.5		0.16	1	10	ug/L
86-74-8	Carbazole	38.9		0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	45		1	1	10	ug/L
206-44-0	Fluoranthene	43.9		0.4	1	10	ug/L
129-00-0	Pyrene	35.6		0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	44.2		0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	37.9		1	1	10	ug/L
56-55-3	Benzo(a)anthracene	38.5		0.16	1	10	ug/L
218-01-9	Chrysene	38.1		0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.4		0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	41.1		0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	40.3		0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	38.4		0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	40		0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	39.4		0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	39.2		0.42	1	10	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	
Project:	1200 E. Main St.	Date Received:	
Client Sample ID:	PB93089BS	SDG No.:	H4592
Lab Sample ID:	PB93089BS	Matrix:	water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023919.D	1	08/25/16 08:16	08/26/16 10:37	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	36.2		0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.3		0.2	1	10	ug/L
123-91-1	1,4-Dioxane	37.9		0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	35.6		0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77.5		10 - 130		52%	SPK: 150
13127-88-3	Phenol-d6	73.8		10 - 130		49%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.1		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		39 - 131		75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.4		25 - 155		44%	SPK: 150
1718-51-0	Terphenyl-d14	65.6		23 - 130		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212735	8.1				
1146-65-2	Naphthalene-d8	930322	10.94				
15067-26-2	Acenaphthene-d10	600577	14.77				
1517-22-2	Phenanthrene-d10	1339110	17.54				
1719-03-5	Chrysene-d12	1345140	21.85				
1520-96-3	Perylene-d12	1366160	25.23				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/24/16
Client Sample ID:	MW-04MS	SDG No.:	H4592
Lab Sample ID:	H4588-04MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023907.D	1	08/25/16 08:16	08/25/16 23:36	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	9.2	J	0.79	1	10.2	ug/L
108-95-2	Phenol	13.3		0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	33.5		0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	30.2		0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	26		0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		0.17	1	10.2	ug/L
98-86-2	Acetophenone	31.1		0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	23.1		0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	32.6		0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	33.6		0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	37.8		0.69	1	10.2	ug/L
78-59-1	Isophorone	36.5		0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	34.7		0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	32.9		0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	33.7		0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	35.5		0.67	1	10.2	ug/L
91-20-3	Naphthalene	34.3		0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	10.1	J	1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	34.2		0.26	1	10.2	ug/L
105-60-2	Caprolactam	6.7	J	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	30.8		0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	34.2		0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	31.1		0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	35.7		0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	35.4		0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	32.3		0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	36.3		0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	36.1		0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	42.9		0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	34.6		0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	35.1		0.33	1	10.2	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/24/16
Client Sample ID:	MW-04MS	SDG No.:	H4592
Lab Sample ID:	H4588-04MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023907.D	1	08/25/16 08:16	08/25/16 23:36	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	13.1		1	1	10.2	ug/L
83-32-9	Acenaphthene	36.6		0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	57.6		2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	26.1		2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	39		0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	35		1	1	10.2	ug/L
84-66-2	Diethylphthalate	36.9		0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34.7		0.21	1	10.2	ug/L
86-73-7	Fluorene	36		0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	22.9		1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34.2		0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	38.5		0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	36.5		0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	34.5		0.18	1	10.2	ug/L
1912-24-9	Atrazine	27.8		0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	66.9		1	1	10.2	ug/L
85-01-8	Phenanthrene	38		0.27	1	10.2	ug/L
120-12-7	Anthracene	38.6		0.16	1	10.2	ug/L
86-74-8	Carbazole	39.7		0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	46.2		1	1	10.2	ug/L
206-44-0	Fluoranthene	43.9		0.41	1	10.2	ug/L
129-00-0	Pyrene	34.5		0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	41.2		0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	37.8		0.16	1	10.2	ug/L
218-01-9	Chrysene	36.9		0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.5		0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	41.2		0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	36.7		0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	36.6		0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	37		0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36.8		0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	37.1		0.43	1	10.2	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/24/16
Client Sample ID:	MW-04MS	SDG No.:	H4592
Lab Sample ID:	H4588-04MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023907.D	1	08/25/16 08:16	08/25/16 23:36	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	36		0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.2	1	10.2	ug/L
123-91-1	1,4-Dioxane	13.5		0.2	5.1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.3		10 - 130		38%	SPK: 150
13127-88-3	Phenol-d6	36.2		10 - 130		24%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.2		36 - 131		75%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.3		39 - 131		75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87		25 - 155		58%	SPK: 150
1718-51-0	Terphenyl-d14	67.4		23 - 130		67%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139034	8.09				
1146-65-2	Naphthalene-d8	608191	10.93				
15067-26-2	Acenaphthene-d10	382875	14.76				
1517-22-2	Phenanthrene-d10	826525	17.53				
1719-03-5	Chrysene-d12	841766	21.85				
1520-96-3	Perylene-d12	855603	25.23				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/24/16
Client Sample ID:	MW-04MSD	SDG No.:	H4592
Lab Sample ID:	H4588-05MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023908.D	1	08/25/16 08:16	08/26/16 00:14	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	9	J	0.79	1	10.3	ug/L
108-95-2	Phenol	13.7		0.22	1	10.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	35.3		0.57	1	10.3	ug/L
95-57-8	2-Chlorophenol	31.5		0.56	1	10.3	ug/L
95-48-7	2-Methylphenol	26.4		0.25	1	10.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34.2		0.18	1	10.3	ug/L
98-86-2	Acetophenone	33.1		0.14	1	10.3	ug/L
65794-96-9	3+4-Methylphenols	23.6		0.39	1	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	34.7		0.21	1	10.3	ug/L
67-72-1	Hexachloroethane	35.8		0.26	1	10.3	ug/L
98-95-3	Nitrobenzene	40.1		0.7	1	10.3	ug/L
78-59-1	Isophorone	39.4		0.31	1	10.3	ug/L
88-75-5	2-Nitrophenol	36.4		0.54	1	10.3	ug/L
105-67-9	2,4-Dimethylphenol	34.6		0.73	1	10.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	36.9		0.57	1	10.3	ug/L
120-83-2	2,4-Dichlorophenol	37.3		0.68	1	10.3	ug/L
91-20-3	Naphthalene	37.3		0.12	1	10.3	ug/L
106-47-8	4-Chloroaniline	15.9		1	1	10.3	ug/L
87-68-3	Hexachlorobutadiene	35.9		0.26	1	10.3	ug/L
105-60-2	Caprolactam	6.8	J	1	1	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	32.8		0.41	1	10.3	ug/L
91-57-6	2-Methylnaphthalene	36.3		0.33	1	10.3	ug/L
77-47-4	Hexachlorocyclopentadiene	34.2		0.25	1	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	35.7		0.58	1	10.3	ug/L
95-95-4	2,4,5-Trichlorophenol	35.6		0.41	1	10.3	ug/L
92-52-4	1,1-Biphenyl	33.4		0.15	1	10.3	ug/L
91-58-7	2-Chloronaphthalene	37.4		0.16	1	10.3	ug/L
88-74-4	2-Nitroaniline	39.4		0.51	1	10.3	ug/L
131-11-3	Dimethylphthalate	43.1		0.23	1	10.3	ug/L
208-96-8	Acenaphthylene	35.9		0.72	1	10.3	ug/L
606-20-2	2,6-Dinitrotoluene	36.2		0.33	1	10.3	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/24/16
Client Sample ID:	MW-04MSD	SDG No.:	H4592
Lab Sample ID:	H4588-05MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023908.D	1	08/25/16 08:16	08/26/16 00:14	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	17.9		1	1	10.3	ug/L
83-32-9	Acenaphthene	37.4		0.22	1	10.3	ug/L
51-28-5	2,4-Dinitrophenol	61.1		2.2	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	25		2.1	5.2	10.3	ug/L
132-64-9	Dibenzofuran	40.7		0.25	1	10.3	ug/L
121-14-2	2,4-Dinitrotoluene	38		1	1	10.3	ug/L
84-66-2	Diethylphthalate	38.9		0.39	1	10.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35.6		0.22	1	10.3	ug/L
86-73-7	Fluorene	37.3		0.32	1	10.3	ug/L
100-01-6	4-Nitroaniline	24.6		1.4	2.1	10.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		0.76	2.1	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	40.1		0.62	1	10.3	ug/L
101-55-3	4-Bromophenyl-phenylether	37.9		0.24	1	10.3	ug/L
118-74-1	Hexachlorobenzene	36		0.19	1	10.3	ug/L
1912-24-9	Atrazine	27.5		0.41	1	10.3	ug/L
87-86-5	Pentachlorophenol	67.7		1	1	10.3	ug/L
85-01-8	Phenanthrene	39.2		0.27	1	10.3	ug/L
120-12-7	Anthracene	40.1		0.16	1	10.3	ug/L
86-74-8	Carbazole	41.2		0.23	1	10.3	ug/L
84-74-2	Di-n-butylphthalate	48.3		1	1	10.3	ug/L
206-44-0	Fluoranthene	45.6		0.41	1	10.3	ug/L
129-00-0	Pyrene	37.7		0.21	1	10.3	ug/L
85-68-7	Butylbenzylphthalate	43.4		0.2	1	10.3	ug/L
91-94-1	3,3-Dichlorobenzidine	10.3	U	1	1	10.3	ug/L
56-55-3	Benzo(a)anthracene	39.7		0.16	1	10.3	ug/L
218-01-9	Chrysene	38.9		0.19	1	10.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.7		0.16	1	10.3	ug/L
117-84-0	Di-n-octyl phthalate	42.7		0.53	1	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	38.2		0.3	1	10.3	ug/L
207-08-9	Benzo(k)fluoranthene	39.1		0.19	1	10.3	ug/L
50-32-8	Benzo(a)pyrene	39.1		0.14	1	10.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38.3		0.15	1	10.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	39.3		0.43	1	10.3	ug/L

Report of Analysis

Client:	Bergmann Associates	Date Collected:	08/23/16
Project:	1200 E. Main St.	Date Received:	08/24/16
Client Sample ID:	MW-04MSD	SDG No.:	H4592
Lab Sample ID:	H4588-05MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG023908.D	1	08/25/16 08:16	08/26/16 00:14	PB93089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	37.9		0.3	1	10.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28.7		0.21	1	10.3	ug/L
123-91-1	1,4-Dioxane	15		0.21	5.2	10.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36.8		0.21	1	10.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	55.7		10 - 130		37%	SPK: 150
13127-88-3	Phenol-d6	34.8		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		36 - 131		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		39 - 131		75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	86.5		25 - 155		58%	SPK: 150
1718-51-0	Terphenyl-d14	71		23 - 130		71%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124789	8.09				
1146-65-2	Naphthalene-d8	551734	10.93				
15067-26-2	Acenaphthene-d10	365466	14.76				
1517-22-2	Phenanthrene-d10	790939	17.53				
1719-03-5	Chrysene-d12	777567	21.85				
1520-96-3	Perylene-d12	784968	25.23				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date(s): 08/01/2016 08/01/2016
 Calibration Time(s): 13:53 17:57

LAB FILE ID:	RRF2.5 = BG023382.D	RRF010 = BG023383.D	RRF025 = BG023384.D	RRF040 = BG023385.D	RRF050 = BG023386.D	RRF060 = BG023387.D	RRF	% RSD
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	1.207	1.214	1.229	1.128	1.191	1.198	1.188	3.1
Benzaldehyde		1.341	1.186	1.038	0.992	0.920	1.096	15.4
Phenol-d6	1.809	1.968	1.916	1.759	1.837	1.845	1.851	3.8
Phenol	1.827	2.095	2.039	1.886	2.001	2.017	1.980	4.7
bis(2-Chloroethyl)ether	1.586	1.652	1.628	1.484	1.564	1.574	1.579	3.4
2-Chlorophenol	1.428	1.372	1.369	1.290	1.357	1.383	1.365	3.0
2-Methylphenol	1.308	1.329	1.359	1.251	1.326	1.360	1.327	3.0
2,2-oxybis(1-Chloropropane)	2.271	2.479	2.370	2.196	2.308	2.335	2.323	3.8
Acetophenone	0.584	0.577	0.572	0.516	0.545	0.530	0.548	5.6
3+4-Methylphenols	1.717	1.898	1.887	1.796	1.900	1.921	1.871	4.6
n-Nitroso-di-n-propylamine	1.409	1.737	1.614	1.516	1.604	1.615	1.592	6.5
Nitrobenzene-d5	0.416	0.419	0.422	0.388	0.406	0.394	0.402	4.7
Hexachloroethane	0.627	0.609	0.611	0.560	0.605	0.612	0.602	3.5
Nitrobenzene	0.470	0.457	0.458	0.427	0.447	0.438	0.445	4.0
Isophorone	0.821	0.890	0.876	0.809	0.854	0.826	0.838	4.4
2-Nitrophenol	0.172	0.176	0.195	0.186	0.202	0.195	0.188	5.7
2,4-Dimethylphenol	0.303	0.330	0.328	0.318	0.332	0.320	0.320	3.3
bis(2-Chloroethoxy)methane	0.532	0.547	0.516	0.480	0.504	0.485	0.504	6.0
2,4-Dichlorophenol	0.297	0.326	0.328	0.318	0.338	0.327	0.322	4.0
Naphthalene	1.140	1.116	1.076	0.961	0.998	0.947	1.018	9.2
4-Chloroaniline	0.479	0.509	0.498	0.470	0.497	0.486	0.487	3.1
Hexachlorobutadiene	0.249	0.230	0.231	0.214	0.231	0.227	0.228	5.0
Caprolactam	0.111	0.142	0.135	0.137	0.142	0.140	0.135	8.2
4-Chloro-3-methylphenol	0.394	0.464	0.428	0.407	0.434	0.426	0.423	5.5
2-Methylnaphthalene	0.834	0.863	0.794	0.734	0.764	0.732	0.774	7.6
Hexachlorocyclopentadiene		0.308	0.363	0.401	0.375	0.382	0.366	8.6
2,4,6-Trichlorophenol	0.429	0.416	0.452	0.425	0.442	0.436	0.432	2.9
2-Fluorobiphenyl		1.383	1.325	1.095	1.099	1.026	1.186	13.3
2,4,5-Trichlorophenol	0.446	0.432	0.461	0.439	0.451	0.448	0.445	2.2
1,1-Biphenyl	1.747	1.649	1.648	1.451	1.479	1.423	1.529	10.2
2-Chloronaphthalene	1.330	1.238	1.238	1.134	1.157	1.125	1.183	7.7
2-Nitroaniline	0.428	0.486	0.515	0.491	0.507	0.510	0.491	6.1
Dimethylphthalate	1.704	1.741	1.643	1.460	1.460	1.412	1.534	10.5
Acenaphthylene	2.155	2.077	2.027	1.764	1.785	1.707	1.870	11.6
2,6-Dinitrotoluene	0.383	0.366	0.367	0.354	0.363	0.356	0.363	2.7
3-Nitroaniline	0.371	0.433	0.425	0.409	0.410	0.407	0.410	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date(s): 08/01/2016 08/01/2016
 Calibration Time(s): 13:53 17:57

LAB FILE ID:	RRF2.5 = BG023382.D	RRF010 = BG023383.D	RRF025 = BG023384.D	RRF040 = BG023385.D	RRF050 = BG023386.D	RRF060 = BG023387.D	RRF	% RSD
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
Acenaphthene	1.271	1.272	1.257	1.134	1.158	1.125	1.184	6.9
2,4-Dinitrophenol		0.189	0.214	0.237	0.248	0.247	0.233	11.5
4-Nitrophenol		0.318	0.303	0.324	0.324	0.322	0.322	3.7
Dibenzofuran	2.015	1.977	1.836	1.615	1.621	1.538	1.720	13.0
2,4-Dinitrotoluene	0.466	0.538	0.533	0.502	0.519	0.507	0.510	4.7
Diethylphthalate	1.792	1.764	1.668	1.473	1.467	1.405	1.558	11.7
4-Chlorophenyl-phenylether	0.884	0.870	0.827	0.754	0.760	0.751	0.794	8.3
Fluorene	1.768	1.709	1.582	1.406	1.414	1.348	1.501	12.5
4-Nitroaniline	0.410	0.475	0.439	0.432	0.430	0.426	0.436	4.6
4,6-Dinitro-2-methylphenol	0.095	0.127	0.142	0.144	0.147	0.149	0.136	14.4
n-Nitrosodiphenylamine	0.644	0.635	0.631	0.566	0.573	0.556	0.587	9.0
2,4,6-Tribromophenol	0.288	0.308	0.297	0.283	0.290	0.290	0.293	2.7
4-Bromophenyl-phenylether	0.238	0.231	0.244	0.227	0.237	0.236	0.233	3.6
Hexachlorobenzene	0.266	0.256	0.266	0.246	0.255	0.255	0.255	3.7
Atrazine	0.236	0.259	0.233	0.227	0.219	0.211	0.225	9.2
Pentachlorophenol		0.120	0.142	0.170	0.152	0.155	0.149	11.4
Phenanthrene	1.206	1.142	1.064	0.913	0.908	0.857	1.015	14.1
Anthracene	1.151	1.174	1.095	0.925	0.916	0.864	1.021	13.2
Carbazole	0.989	1.115	0.966	0.854	0.828	0.801	0.896	14.9
Di-n-butylphthalate		1.313	1.090	0.944	0.908	0.847	1.021	18.3
Fluoranthene		1.434	1.177	0.987	0.941	0.892	1.086	20.5
Pyrene		1.640	1.361	1.188	1.129	1.115	1.239	18.5
Terphenyl-d14		1.019	0.790	0.648	0.618	0.591	0.733	24.2
Butylbenzylphthalate	0.462	0.532	0.505	0.477	0.480	0.470	0.482	5.9
3,3-Dichlorobenzidine	0.458	0.452	0.481	0.445	0.460	0.450	0.453	3.8
Benzo(a)anthracene	1.290	1.251	1.186	1.043	1.033	1.005	1.104	12.5
Chrysene	1.238	1.200	1.118	0.975	0.995	0.963	1.050	13.1
Bis(2-ethylhexyl)phthalate	0.688	0.682	0.716	0.641	0.658	0.643	0.659	6.3
Di-n-octyl phthalate	1.180	1.174	1.247	1.087	1.116	1.093	1.126	7.5
Benzo(b)fluoranthene	1.239	1.175	1.174	1.074	1.103	1.086	1.125	6.5
Benzo(k)fluoranthene	1.169	1.179	1.130	1.034	1.055	1.026	1.081	7.3
Benzo(a)pyrene	1.131	1.142	1.105	1.025	1.053	1.041	1.070	5.3
Indeno(1,2,3-cd)pyrene	1.293	1.281	1.389	1.278	1.319	1.331	1.313	3.0
Dibenzo(a,h)anthracene	1.098	1.151	1.131	1.057	1.091	1.079	1.093	3.4
Benzo(g,h,i)perylene	1.078	1.136	1.139	1.068	1.101	1.098	1.101	2.5
1,2,4,5-Tetrachlorobenzene	0.788	0.725	0.750	0.693	0.720	0.721	0.725	5.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date(s): 08/01/2016 08/01/2016
 Calibration Time(s): 13:53 17:57

LAB FILE ID:	RRF2.5 = BG023382.D	RRF010 = BG023383.D	RRF025 = BG023384.D					
	RRF040 = BG023385.D	RRF050 = BG023386.D	RRF060 = BG023387.D					
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
1,4-Dioxane	0.568	0.502	0.552	0.464	0.490	0.501	0.506	7.8
2,3,4,6-Tetrachlorophenol	0.411	0.427	0.420	0.400	0.398	0.402	0.408	2.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

4
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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date/Time: 08/25/2016 15:42
 Lab File ID: BG023896.D Init. Calib. Date(s): 08/01/2016 08/01/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:53 17:57
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.188	1.111		-6.5	
Benzaldehyde	1.096	1.149		4.8	
Phenol-d6	1.851	1.664		-10.1	
Phenol	1.980	1.806		-8.8	20.0
bis(2-Chloroethyl) ether	1.579	1.493		-5.4	
2-Chlorophenol	1.365	1.334		-2.3	
2-Methylphenol	1.327	1.252		-5.7	
2,2-oxybis(1-Chloropropane)	2.323	2.253		-3.0	
Acetophenone	0.548	0.536		-2.2	
3+4-Methylphenols	1.871	1.722		-8.0	
n-Nitroso-di-n-propylamine	1.592	1.426	0.050	-10.4	
Nitrobenzene-d5	0.402	0.415		3.2	
Hexachloroethane	0.602	0.626		4.0	
Nitrobenzene	0.445	0.490		10.1	
Isophorone	0.838	0.833		-0.6	
2-Nitrophenol	0.188	0.200		6.4	20.0
2,4-Dimethylphenol	0.320	0.317		-0.9	
bis(2-Chloroethoxy)methane	0.504	0.452		-10.3	
2,4-Dichlorophenol	0.322	0.333		3.4	20.0
Naphthalene	1.018	0.974		-4.3	
4-Chloroaniline	0.487	0.426		-12.5	
Hexachlorobutadiene	0.228	0.248		8.8	20.0
Caprolactam	0.135	0.113		-16.3	
4-Chloro-3-methylphenol	0.423	0.393		-7.1	20.0
2-Methylnaphthalene	0.774	0.711		-8.1	
Hexachlorocyclopentadiene	0.366	0.377	0.050	3.0	
2,4,6-Trichlorophenol	0.432	0.424		-1.9	20.0
2-Fluorobiphenyl	1.186	1.138		-4.0	
2,4,5-Trichlorophenol	0.445	0.438		-1.6	
1,1-Biphenyl	1.529	1.474		-3.6	
2-Chloronaphthalene	1.183	1.184		0.1	
2-Nitroaniline	0.491	0.479		-2.4	
Dimethylphthalate	1.534	1.504		-2.0	
Acenaphthylene	1.870	1.775		-5.1	
2,6-Dinitrotoluene	0.363	0.350		-3.6	
3-Nitroaniline	0.410	0.362		-11.7	
Acenaphthene	1.184	1.149		-3.0	20.0
2,4-Dinitrophenol	0.233	0.265	0.050	13.7	
4-Nitrophenol	0.322	0.255	0.050	-20.8	
Dibenzofuran	1.720	1.589		-7.6	
2,4-Dinitrotoluene	0.510	0.486		-4.7	

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date/Time: 08/25/2016 15:42
 Lab File ID: BG023896.D Init. Calib. Date(s): 08/01/2016 08/01/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:53 17:57
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.558	1.493		-4.2	
4-Chlorophenyl-phenylether	0.794	0.764		-3.8	
Fluorene	1.501	1.395		-7.1	
4-Nitroaniline	0.436	0.384		-11.9	
4,6-Dinitro-2-methylphenol	0.136	0.136		0.0	
n-Nitrosodiphenylamine	0.587	0.562		-4.3	20.0
2,4,6-Tribromophenol	0.293	0.242		-17.4	
4-Bromophenyl-phenylether	0.233	0.230		-1.3	
Hexachlorobenzene	0.255	0.244		-4.3	
Atrazine	0.225	0.227		0.9	
Pentachlorophenol	0.149	0.124		-16.8	20.0
Phenanthrene	1.015	0.934		-8.0	
Anthracene	1.021	0.963		-5.7	
Carbazole	0.896	0.880		-1.8	
Di-n-butylphthalate	1.021	1.032		1.1	
Fluoranthene	1.086	1.083		-0.3	20.0
Pyrene	1.239	1.040		-16.1	
Terphenyl-d14	0.733	0.595		-18.8	
Butylbenzylphthalate	0.482	0.510		5.8	
3,3-Dichlorobenzidine	0.453	0.425		-6.2	
Benzo(a)anthracene	1.104	1.047		-5.2	
Chrysene	1.050	0.982		-6.5	
Bis(2-ethylhexyl)phthalate	0.659	0.701		6.4	
Di-n-octyl phthalate	1.126	1.135		0.8	20.0
Benzo(b)fluoranthene	1.125	1.061		-5.7	
Benzo(k)fluoranthene	1.081	1.054		-2.5	
Benzo(a)pyrene	1.070	1.050		-1.9	20.0
Indeno(1,2,3-cd)pyrene	1.313	1.310		-0.2	
Dibenzo(a,h)anthracene	1.093	1.067		-2.4	
Benzo(g,h,i)perylene	1.101	1.046		-5.0	
1,2,4,5-Tetrachlorobenzene	0.725	0.756		4.3	
1,4-Dioxane	0.506	0.470		-7.1	20.0
2,3,4,6-Tetrachlorophenol	0.408	0.357		-12.5	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date/Time: 08/26/2016 02:08
 Lab File ID: BG023911.D Init. Calib. Date(s): 08/01/2016 08/01/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:53 17:57
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.188	1.120		-5.7	
Benzaldehyde	1.096	1.154		5.3	
Phenol-d6	1.851	1.720		-7.1	
Phenol	1.980	1.892		-4.4	20.0
bis(2-Chloroethyl) ether	1.579	1.506		-4.6	
2-Chlorophenol	1.365	1.367		0.1	
2-Methylphenol	1.327	1.289		-2.9	
2,2-oxybis(1-Chloropropane)	2.323	2.286		-1.5	
Acetophenone	0.548	0.530		-3.3	
3+4-Methylphenols	1.871	1.794		-4.1	
n-Nitroso-di-n-propylamine	1.592	1.463	0.050	-8.1	
Nitrobenzene-d5	0.402	0.412		2.5	
Hexachloroethane	0.602	0.633		5.2	
Nitrobenzene	0.445	0.486		9.2	
Isophorone	0.838	0.846		1.0	
2-Nitrophenol	0.188	0.206		9.6	20.0
2,4-Dimethylphenol	0.320	0.324		1.3	
bis(2-Chloroethoxy)methane	0.504	0.447		-11.3	
2,4-Dichlorophenol	0.322	0.335		4.0	20.0
Naphthalene	1.018	0.968		-4.9	
4-Chloroaniline	0.487	0.432		-11.3	
Hexachlorobutadiene	0.228	0.244		7.0	20.0
Caprolactam	0.135	0.120		-11.1	
4-Chloro-3-methylphenol	0.423	0.409		-3.3	20.0
2-Methylnaphthalene	0.774	0.719		-7.1	
Hexachlorocyclopentadiene	0.366	0.338	0.050	-7.7	
2,4,6-Trichlorophenol	0.432	0.429		-0.7	20.0
2-Fluorobiphenyl	1.186	1.109		-6.5	
2,4,5-Trichlorophenol	0.445	0.445		0.0	
1,1-Biphenyl	1.529	1.457		-4.7	
2-Chloronaphthalene	1.183	1.148		-3.0	
2-Nitroaniline	0.491	0.501		2.0	
Dimethylphthalate	1.534	1.507		-1.8	
Acenaphthylene	1.870	1.778		-4.9	
2,6-Dinitrotoluene	0.363	0.357		-1.7	
3-Nitroaniline	0.410	0.369		-10.0	
Acenaphthene	1.184	1.140		-3.7	20.0
2,4-Dinitrophenol	0.233	0.289	0.050	24.0	
4-Nitrophenol	0.322	0.256	0.050	-20.5	
Dibenzofuran	1.720	1.594		-7.3	
2,4-Dinitrotoluene	0.510	0.521		2.2	

Form VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: BERG03
 Lab Code: CHEM Case No.: H4592 SAS No.: H4592 SDG No.: H4592
 Instrument ID: BNA_G Calibration Date/Time: 08/26/2016 02:08
 Lab File ID: BG023911.D Init. Calib. Date(s): 08/01/2016 08/01/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:53 17:57
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.558	1.529		-1.9	
4-Chlorophenyl-phenylether	0.794	0.774		-2.5	
Fluorene	1.501	1.425		-5.1	
4-Nitroaniline	0.436	0.405		-7.1	
4,6-Dinitro-2-methylphenol	0.136	0.142		4.4	
n-Nitrosodiphenylamine	0.587	0.571		-2.7	20.0
2,4,6-Tribromophenol	0.293	0.250		-14.7	
4-Bromophenyl-phenylether	0.233	0.236		1.3	
Hexachlorobenzene	0.255	0.247		-3.1	
Atrazine	0.225	0.228		1.3	
Pentachlorophenol	0.149	0.120		-19.5	20.0
Phenanthrene	1.015	0.944		-7.0	
Anthracene	1.021	0.960		-6.0	
Carbazole	0.896	0.890		-0.7	
Di-n-butylphthalate	1.021	1.037		1.6	
Fluoranthene	1.086	1.066		-1.8	20.0
Pyrene	1.239	1.029		-16.9	
Terphenyl-d14	0.733	0.576		-21.4	
Butylbenzylphthalate	0.482	0.518		7.5	
3,3-Dichlorobenzidine	0.453	0.424		-6.4	
Benzo(a)anthracene	1.104	1.040		-5.8	
Chrysene	1.050	0.973		-7.3	
Bis(2-ethylhexyl)phthalate	0.659	0.696		5.6	
Di-n-octyl phthalate	1.126	1.127		0.1	20.0
Benzo(b)fluoranthene	1.125	1.080		-4.0	
Benzo(k)fluoranthene	1.081	1.046		-3.2	
Benzo(a)pyrene	1.070	1.060		-0.9	20.0
Indeno(1,2,3-cd)pyrene	1.313	1.279		-2.6	
Dibenzo(a,h)anthracene	1.093	1.073		-1.8	
Benzo(g,h,i)perylene	1.101	0.980		-11.0	
1,2,4,5-Tetrachlorobenzene	0.725	0.730		0.7	
1,4-Dioxane	0.506	0.456		-9.9	20.0
2,3,4,6-Tetrachlorophenol	0.408	0.370		-9.3	

All other compounds must meet a minimum RRF of 0.010.

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
 (908) 789-8900 Fax (908) 789-8922
 www.chemtech.net

CHEMTECH PROJECT NO. H4592
 QUOTE NO. _____
 COC Number 042524 5.1

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Bergmann Associates
 ADDRESS: 28 E. Main St / 200 First Federal Plz
 CITY: Rochester STATE: NY ZIP: 14614
 ATTENTION: M. Borruso + S. DeMeo
 PHONE: _____ FAX: _____

PROJECT NAME: 1200 E. Main Street
 PROJECT NO.: 4453.05 LOCATION: Rochester, NY
 PROJECT MANAGER: S. DeMeo
 e-mail: mborruso@bergmannpc.com
sdemeo@bergmannpc.com
 PHONE: _____ FAX: _____

BILL TO: Bergmann Associates PO#: 4453.05
 ADDRESS: 28 E. Main St / 200 First Federal Plaza
 CITY: Rochester STATE: NY ZIP: 14614
 ATTENTION: M. Borruso PHONE: _____

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: _____ DAYS *
 HARD COPY: _____ DAYS *
 EDD: 10 DAYS *
 PREAPPROVED TAT: YES NO
 * STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

LEVEL 1: Results only Others _____
 LEVEL 2: Results + QC
 LEVEL 3: Results (plus results raw data) + QC
 LEVEL 4: Results + QC (all raw data)
 EDD Format: NYSDEC EQUATES

1	2	3	4	5	6	7	8	9
<p><i>SVOCs</i></p> <p><i>VOCS</i></p>								

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO ₃ C-H ₂ SO ₄ D-NaOH E-ICE F-Other		
			COMP	GRAB	DATE	TIME		E	A										
			1	2	3	4		5	6	7	8	9							
1.	MW-16	Ag EW	X		8/23/16	1040	3	X	X										
2.	MW-11	Ag EW	X		8/23/16	1110	3	X	X										
3.	DUPLICATE	Ag EW	X		8/23/16	1110	3	X	X										
4.	MW-15R	Ag EW	X		8/23/16	1155	3	X	X										
5.	MW-1	Ag EW	X		8/23/16	1230	3	X	X										
6.	MW-9R	Ag EW	X		8/23/16	1300	3	X	X										
7.	MW-2	Ag EW	X		8/24/16	0920	3	X	X										
8.	MW-7R	Ag EW	X		8/24/16	0930	3	X	X										
9.	MW-4	Ag EW	X		8/24/16	0950	3	X	X										
10.	TRIP BLANK	W					2		X										

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Megan E Borruso</u>	DATE/TIME: <u>8/24/16 1105</u>	RECEIVED BY: 1. _____	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments: _____ Cooler Temp. <u>3.7 C</u> Ice in Cooler?: <u>Yes</u>
RELINQUISHED BY: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. _____	
RELINQUISHED BY: 3. <u>FEDEX</u>	DATE/TIME: <u>8-25-16</u>	RECEIVED FOR LAB BY: 3. <u>C. Lenc</u>	

Page 1 of 1

SHIPPED VIA: CLIENT: HAND DELIVERED OVERNIGHT
 CHEMTECH: PICKED UP OVERNIGHT. Shipment Complete: YES NO



ORIGIN ID: ONHA (585) 232-5137
MEGAN BORRUSO
BERGMANN PC
28 EAST MAIN STREET
ROCHESTER, NY 14614
UNITED STATES US

SHIP DATE: 24AUG16
ACTWGT: 35.00 LB
CAD: 107979030/NET3790

TO JORDAN HEDVAT
CHEMTECH
284 SHEFFIELD ST

C. Vene
8-25-16
9115
3.7

54411137014E8

MOUNTAINSIDE NJ 07092

(908) 789-8900
INV:
PO:

REF: BERG03 STD OVRNT

DEPT:

RMA:

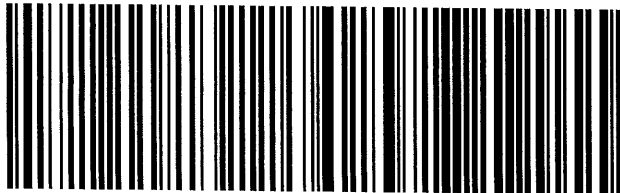


RETURNS MON-FRI
STANDARD OVERNIGHT

TRK# 7905 5330 4822

07092

NJ-US



H4592

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Maine	2012025
Maryland	296
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

APPENDIX 6
DAILY FIELD REPORTS



SOIL PILE DISPOSAL SUMMARY

SITE: 1200 E Main ER
ADDRESS: _____

PAGE: ____ of ____

PROJECT # _____

SOIL PILE NUMBER: Excavation 1A + 1B

DATE GENERATED: 3/9/2010

SIZE OF PILE: _____

DESIGNATION: _____

COMMENTS: _____

DATE OF DISPOSAL: 3/9/2010 WEATHER: Fair, Sunny

TRUCKING COMPANY: Ricelli

45°F

PART 364 PERMIT NO: _____

DISPOSAL FACILITY: Mill Seat

NUMBER OF TRUCK LOADS: _____

See Mask Ticket
1 2 3 4 5 6 7 8 9 10 11

LOAD NO.	TRUCK NO.	LICENSE	QUANTITY:	DEPARTURE TIME:	BILL OF LADING/MANIFEST NO.
1	49	93354JD	20+ tons	08:20 am	32190
2	41	44802JD	20+ tons	08:35 am	32160
3	11	34542JT	20+ tons	08:54 am	32147
4	49	93354JD	20+ tons	09:45 am	32194
5	41	44802JD	20+ tons	09:59 am	32161
6	11	34542JT	20+ tons	10:15 am	26913
7	49	93354JD	20+ tons	11:08 am	32192
8	11	34542JT	20+ tons	11:43 am	26912
9	37	20776JX	20+ tons	12:23 pm	32162
10	49	93354JD	20+ tons	12:45 pm	32193
11	11	34542JT	20+ tons	1:308 pm	26907

9-10-2012	1200	E MAIN ST - CITY OF ROCHESTER		
		LOCATE	MW	15/16
		FILE	1200 E MAIN	9-12
		TC CP 3	BS CP 4	
	1.500	I.H. 9-975	BS HT	5.35
		CP 4	+ 7.103	498.623
				491.52
		MW 15	GRD/TOP CASING	- 5.640
			TRISER	- 5.9176
			+ 6.247	498.954
		MW 16	RIM/GRD P	- 6.193
			RISER	- 6.435
			+ 6.407	498.926
		CP 3		- 7.038
				491.888
				(491.88)

1200 E. Uam 3/7/2012

<u>MW</u>	<u>Sample Time</u>	<u>P</u>	<u>H₂O</u>	<u>m Depth</u>	<u>Bar Vol</u>
1	1545	-	18.29		NA
2	0947	-	14.61		N/A
3	NA	14.50	14.51		low
4	NA	15.18	15.22		flow
5	11:33	-	14.74		No
6	11:35	-	12.75	21'	purge
7	NA	15.76	15.86		volume
8	1010	-	17.45	22'	
9	NA	15.64	15.82		
10	1300	-	16.87		
11	1335	-	16.35		
12	1435	-	16.40	21'	
13	1210	-	10.38		
14	1230	-	10.21	19'	
15	1419	-	15.50		
16	1505	-	13.60		



GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/2012
 Weather: Sunny, 60°F
 Personnel: JF/JDP



GROUNDWATER SAMPLE POINT

Well Number: MW1
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: _____
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons									
	0 gal	1510	1515	1520	1525	1530	1535	1540	1545	1550
Turbidity		16.4	14.1	12.6	4.72	1.90	1.53	1.52		
Temperature		12.6	12.6	12.5	12.9	12.7	12.9	12.8		
pH		7.07	7.02	7.01	7.07	7.09	7.10	7.11		
Conductivity		0.92	0.92	0.91	0.91	0.90	0.90	0.89		
Oxygen		0.81	0.75	0.81	0.69	0.52	0.43	0.43		
ORP		-70.1	-85.3	-88.1	-121.0	-128.2	-130.3	-133.2		
		18.29	19.51	20.5	20.8	20.75	20.43	20.39	20.29	

Time sample was collected: 1545

MW1 started 1510

COMMENTS _____

Sampled at 1545

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: _____
 Project Number: _____
 Site Location: 1200 East Main
 Sample Date: 3/9/12
 Weather: Sun 55°
 Personnel: Peck



GROUNDWATER SAMPLE POINT

Well Number: MW-2
 Location: _____
 Casing Diameter: 2"

Depth to water, below top of casing: _____
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	0.041 gal/foot
2"	0.163 gal/foot
4"	0.653 gal/foot
6"	1.469 gal/foot
8"	2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: low flow peristaltic pump
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	93 ⁰ 935 Accumulated Volume Purged in Gallons									
	0 gal	935	938	942	945					
Turbidity	7.89	9.11	0.87	1.99	2.13					
Temperature	13.0	11.5	11.4	11.3	11.3					
pH	7.02	7.03	7.03	7.03	7.04					
Conductivity	1.03	1.00	1.00	1.01	1.02					
Oxygen	1.04	4.27	0.90	0.94	1.35					
ORP	-73.5	-68.0	-36.9	-31.7	-28.2					

Time sample was collected: 947

COMMENTS clean

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St.
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/13
 Weather: sun 60°
 Personnel: pede



BERGMANN
 associates

14.74

GROUNDWATER SAMPLE POINT

Well Number: MW-5
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: 14.74'
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons								
	0 gal	1123	1126	1129					
Turbidity	25.1	12.4	4.71	2.56					
Temperature	12.6	12.0	11.9	11.9					
pH	7.56	7.40	7.39	7.40					
Conductivity	0.74	0.75	0.73	0.73					
Oxygen	9.02	9.20	9.28	9.61					
ORP	51.5	73.2	81.3	84.1					

Time sample was collected: 1133

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St
Project Number: _____
Site Location: _____
Sample Date: 3/7/2012
Weather: _____
Personnel: Folbes



GROUNDWATER SAMPLE POINT

Well Number: MW6
Location: _____
Casing Diameter: _____

Well Dia.	Volume/Foot
1"	0.041 gal/foot
2"	0.163 gal/foot
4"	0.653 gal/foot
6"	1.469 gal/foot
8"	2.611 gal/foot

Depth to water, below top of casing: _____
Depth to bottom of the well: _____
Length of water column in well: _____

Volume of water in well casing, gallons: _____
3 Well volumes (= length water column X gal/foot X 3): _____
Actual volume purged prior to sampling: _____
Sampling Methodology: _____
Sampling Equipment: _____
Well Recharged? _____
Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

MW6

11:45
sampled

Parameter	Accumulated Volume Purged in Gallons									
	0 gal	1105	1110	1115	1120	1125	1130	1135	1140	1145
Turbidity		17.9	5.70	3.89	1.36	1.97	0.95	0.57	0.43	
Temperature		11.0	10.9	11.1	11.2	11.3	11.3	11.3	11.3	
pH		7.21	7.16	7.14	7.13	7.14	7.13	7.13	7.13	
Conductivity		0.83	0.84	0.83	0.83	0.82	0.83	0.82	0.83	
Oxygen		7.51	7.44	7.01	6.64	6.64	6.24	6.24	6.18	
ORP		101.1	106.1	110.2	113.4	117.2	119.0	120.7	121.1	

Time sample was collected: 12:84 | 12.9 | 12.87 | 12.87 | 12.87 | 12.87 | 12.87 | 12.87 | 12.87

COMMENTS _____

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 East Main St
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/2012
 Weather: _____
 Personnel: Forbes



GROUNDWATER SAMPLE POINT

Well Number: mw8
 Location: _____
 Casing Diameter: _____

Well Dia.	Volume/Foot
1"	0.041 gal/foot
2"	0.163 gal/foot
4"	0.653 gal/foot
6"	1.469 gal/foot
8"	2.611 gal/foot

Depth to water, below top of casing: _____
 Depth to bottom of the well: _____
 Length of water column in well: _____

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____

Well Recharged? _____
 Required Analysis: _____

mw8 START 0935

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons										
	0 gal	0935	0938	0941	0944	0947	0950	0955	1000	1005	1010
Turbidity		16.6	10.37	5.84	6.01	9.52	6.93	3.18	3.34	2.84	1.96
Temperature		12.3	11.9	12.1	12.5	12.0	12.1	12.0	12.3	12.3	12.3
pH		7.65	7.31	7.28	7.33	7.27	7.22	7.18	7.16	7.09	7.10
Conductivity		2.70	2.94	2.89	2.84	3.13	3.10	3.00	3.22	3.27	3.78
Oxygen		10.58	5.99	6.45	8.31	4.80	4.02	4.07	4.02	3.78	3.70
ORP		135.8	141.4	139.1	136.2	138.5	143.9	143.6	131.3	138.6	133.4
			18.56	16.7	19.02	19.44	19.62	20.11			20.83

Time sample was collected: 1010

COMMENTS _____

Sampled @ 1010

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: _____
 Project Number: _____
 Site Location: 1200 East Main
 Sample Date: 3/9/17
 Weather: Sun 60°
 Personnel: ACK



GROUNDWATER SAMPLE POINT

Well Number: MW-10
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: 16.88
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons								
	0 gal	1247	1250	1253					
Turbidity	>	62.0	24.4	20.4					
Temperature	12.3	12.2	12.1	11.9					
pH	7.17	7.07	7.04	7.02					
Conductivity	1.12	1.11	1.10	1.11					
Oxygen	4.24	5.31	5.11	4.89					
ORP	90.3	96.9	97.2	97.9					

Time sample was collected: 1300

COMMENTS orange, organics

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St.
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/12
 Weather: sun 60°
 Personnel: Pack



GROUNDWATER SAMPLE POINT

Well Number: MW-11
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: 16.33
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons								
	0 gal	1325	1331						
Turbidity	4.11	2.60	2.91						
Temperature	11.7	11.6	11.5						
pH	6.89	6.80	6.77						
Conductivity	1.13	1.13	1.13						
Oxygen	0.38	0.20	0.18						
ORP	-103.4	-105.3	-108.9						

Time sample was collected: 1335

COMMENTS _____

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/2012
 Weather: _____
 Personnel: Folber



BERGMANN
 associates

GROUNDWATER SAMPLE POINT

Well Number: MW12
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: _____
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	0.041 gal/foot
2"	0.163 gal/foot
4"	0.653 gal/foot
6"	1.469 gal/foot
8"	2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

MW12

started @
1415

Parameter	Accumulated Volume Purged in Gallons								
	0 gal	1415	1420	1425	1430	1435	1440	1445	1450
Turbidity		1.53	1.57	0.89	0.44	0.45 0.40			
Temperature		12.0	11.9	11.7	11.7	11.7	11.6		
pH		6.84	6.82	7.06	7.10	7.11	7.12		
Conductivity		9.50	9.42	4.51	3.53	3.27 3.23			
Oxygen		3.23	3.28	1.37	1.03	0.94	0.93		
ORP		136.1	134.7	120.8	118.0	116.0	115.6		
		16.45	16.45	16.45	16.45	16.45	16.45		

Time sample was collected: 1435

COMMENTS

sampled @ 14:35 pm

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: _____

Project Number: 1200 East Main
 Site Location: _____
 Sample Date: 3/7/12
 Weather: sun 60°
 Personnel: Peck



GROUNDWATER SAMPLE POINT

Well Number: MW-13
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: 10.38
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons			
	0 gal	1158	1201	1204
Turbidity	1.57	1.21	1.73	1.89
Temperature	10.4	9.9	9.7	9.7
pH	7.17	7.02	6.99	7.00
Conductivity	1.32	1.33	1.28	1.28
Oxygen	5.82	2.48	2.44	2.18
ORP	102.6	112.4	111.7	94.8

Time sample was collected: 12¹⁰

COMMENTS

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/2012
 Weather: _____
 Personnel: Forbes



BERGMANN
 associates

GROUNDWATER SAMPLE POINT

Well Number: MW14
 Location: _____
 Casing Diameter: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Depth to water, below top of casing: _____
 Depth to bottom of the well: _____
 Length of water column in well: _____

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

*Started
12:10 pm*

FIELD PARAMETER MEASUREMENTS

MW14

Parameter	Accumulated Volume Purged in Gallons					
	0 gal	1210	1215	1220	1225	1230
Turbidity		2.19	0.59	0.64	0.61	0.68
Temperature		10.6	10.4	10.4	10.4	10.4
pH		7.31	7.15	7.12	7.11	7.11
Conductivity		0.81	0.81	0.81	0.81	0.81
Oxygen		2.38	1.84	1.77	1.74	1.72
ORP		101.8	110.8	112.8	113.4	113.6
H ₂ O	10.21	10.35	10.34	10.34	10.34	10.34

Time sample was collected: 12:30

COMMENTS

Sample @ 12:30 pm

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St
 Project Number: _____
 Site Location: _____
 Sample Date: 3/7/12
 Weather: Sun 60°
 Personnel: Peck



GROUNDWATER SAMPLE POINT

Well Number: MW-15
 Location: _____
 Casing Diameter: _____

Depth to water, below top of casing: 15.50
 Depth to bottom of the well: _____
 Length of water column in well: _____

Well Dia.	Volume/Foot
1"	= 0.041 gal/foot
2"	= 0.163 gal/foot
4"	= 0.653 gal/foot
6"	= 1.469 gal/foot
8"	= 2.611 gal/foot

Volume of water in well casing, gallons: _____
 3 Well volumes (= length water column X gal/foot X 3): _____
 Actual volume purged prior to sampling: _____
 Sampling Methodology: _____
 Sampling Equipment: _____
 Well Recharged? _____
 Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	Accumulated Volume Purged in Gallons									
	0 gal	140	1410	1413	1416					
Turbidity	30.8	39.3	28.6	27.4						
Temperature	12.1	11.9	11.8	11.9						
pH	7.58	9.15	10.32	10.23						
Conductivity	7.61	2.51	7.00	7.59						
Oxygen	13.48	0.97	4.42	12.48						
ORP	-34.7	-132.5	-111.7	-50.1						

Time sample was collected: 14:19

COMMENTS _____

GROUNDWATER SAMPLING WORKSHEET

PROJECT NAME: 1200 E. Main St.

Project Number: _____

Site Location: _____

Sample Date: 3/7/12

Weather: _____

Personnel: Pach



BERGMANN
associates

GROUNDWATER SAMPLE POINT

Well Number: MW-16

Location: _____

Casing Diameter: _____

Depth to water, below top of casing: 13.45

Depth to bottom of the well: _____

Length of water column in well: _____

Well Dia.	Volume/Foot
1"	0.041 gal/foot
2"	0.163 gal/foot
4"	0.653 gal/foot
6"	1.469 gal/foot
8"	2.611 gal/foot

Volume of water in well casing, gallons: _____

3 Well volumes (= length water column X gal/foot X 3): _____

Actual volume purged prior to sampling: _____

Sampling Methodology: _____

Sampling Equipment: _____

Well Recharged? _____

Required Analysis: _____

FIELD PARAMETER MEASUREMENTS

Parameter	1453 Accumulated Volume Purged in Gallons									
	0 gal	1456	1459	1502						
Turbidity	9.28	5.06	21.80	6.49						
Temperature	12.2	11.3	12.6	11.7						
pH	7.69	7.22	7.10	7.08						
Conductivity	6.14	0.95	0.92	0.92						
Oxygen	0.53	0.47	1.68	0.67						
ORP	-125.1	-117.3	-112.4	-108.1						

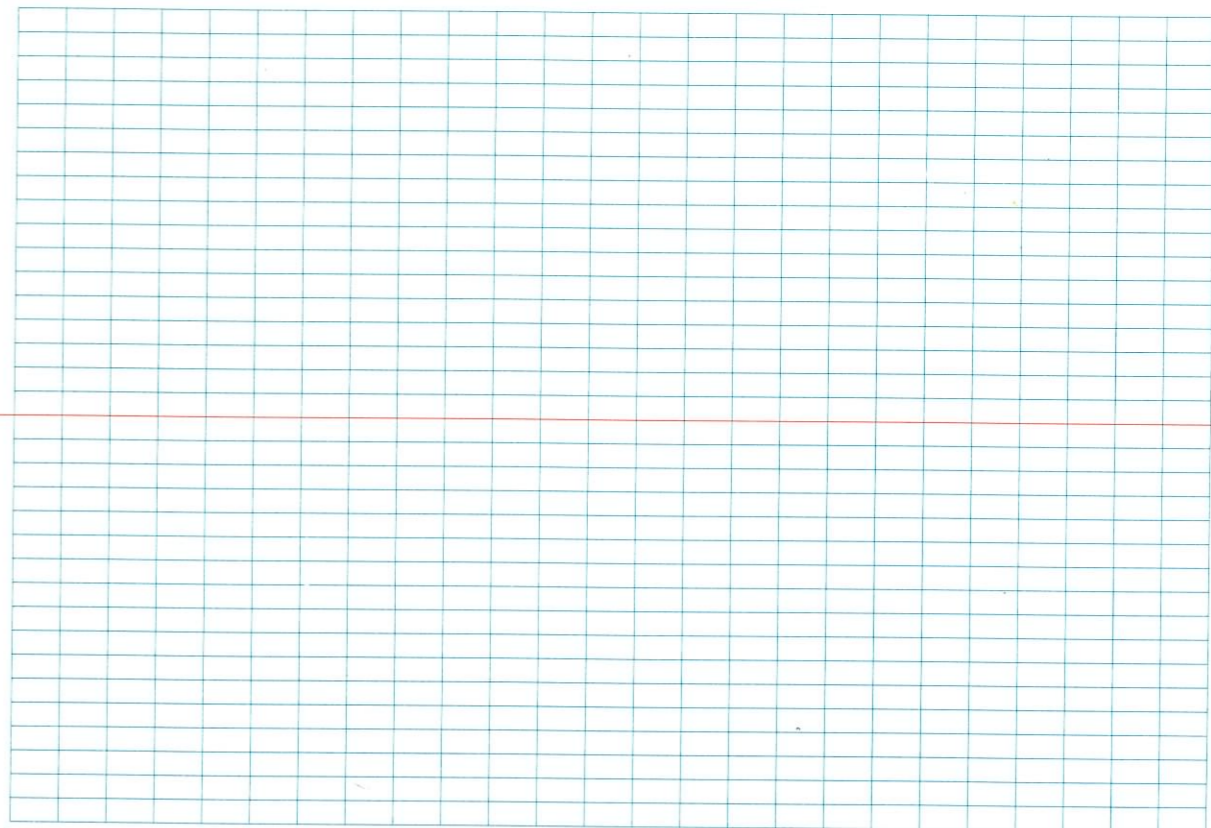
*mv/cm
mg/l*

Time sample was collected: 1505

COMMENTS slight petrial odor, black specs

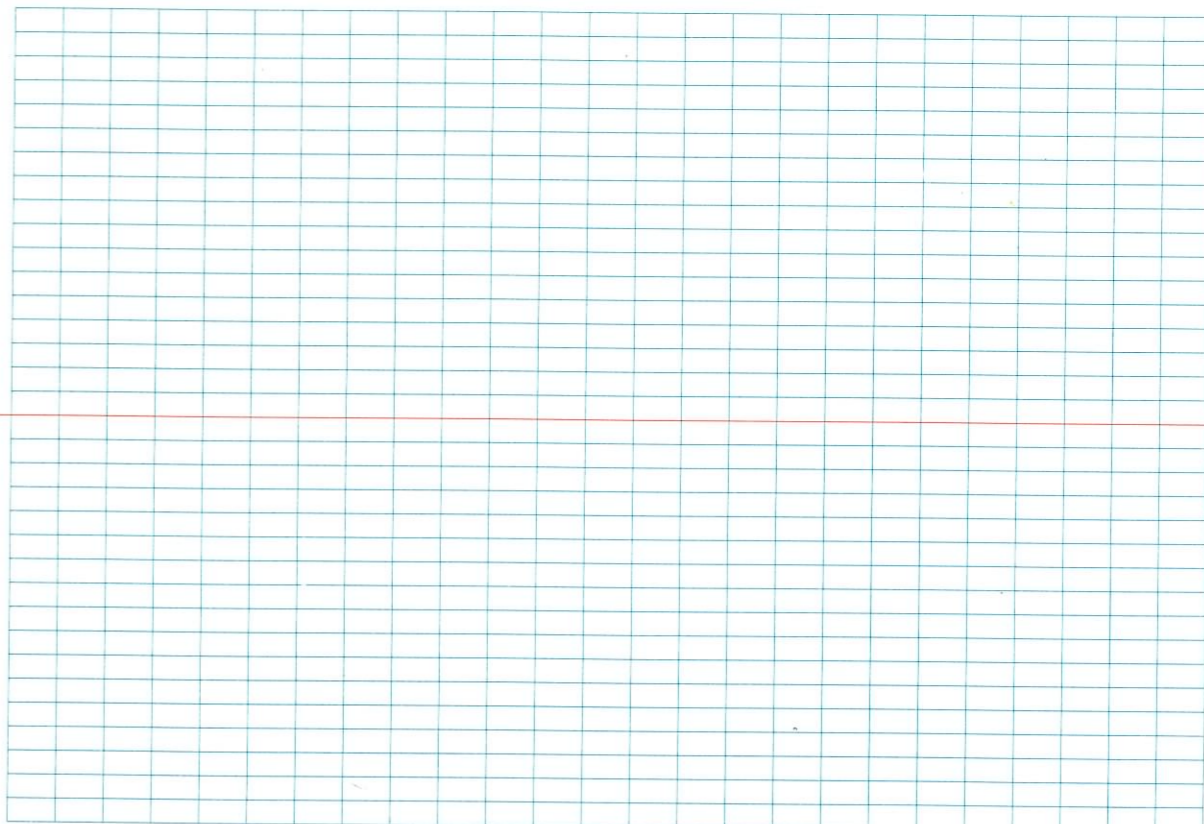
1200 E. Main
 6/17/2010
 after significant
 rain descent
 6/16/2010

	<u>DTW</u>	<u>DTP</u>	<u>Comments</u>	
MW3	0.01	13.16	13.15	OK
MW4	0.02	14.44	14.42	loose cap
MW7	0.0	15.85	—	OK
MW9	0.24	11.98	11.74	loose cap



1200 E. Main
6/17/2010
after significant
rain descent
6/16/2010

	<u>DTW</u>	<u>DTP</u>	<u>Comments</u>
MW3	0.01	13.16	13.15 OK
MW4	0.02	14.44	14.42 loose cap
MW7	0.0	15.85	— OK
MW9	0.24	11.98	11.74 loose cap



23
37
60

120

3/16/2000 1200 E. Main St

0845 - Begin Excavation
of AREA 2 10-100ppm soils
for screening/staging

re-use sampling.

0935 - @ ~ 10.5' in South half
of AREA 2 - Soil read 10.3ppm

begin stockpiling separately
for sampling.

AREA 2 23 X 37 X 13'
bedrock at 13'

cont soil (~100ppm) encountered
at ~ 10ft base of South end,
slightly shallower towards
North end.

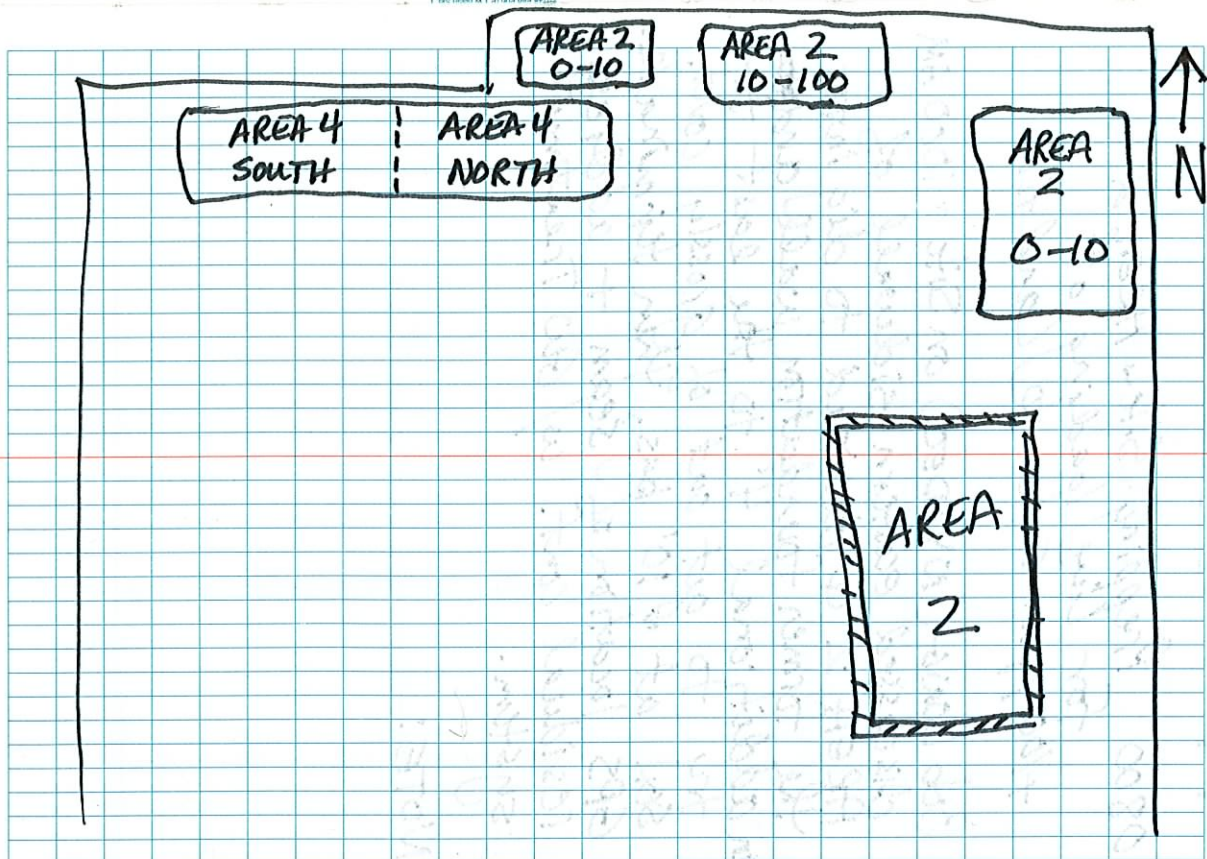
only small amount of soil
was 10-100ppm.

building foundation slab
on Sept 18 @ ~ 4 PM - bgs.

North well - cinder block
excavated & placed in
0-10 ppm soil pile.

Slightly wet @ North side
of excavation.

202561X



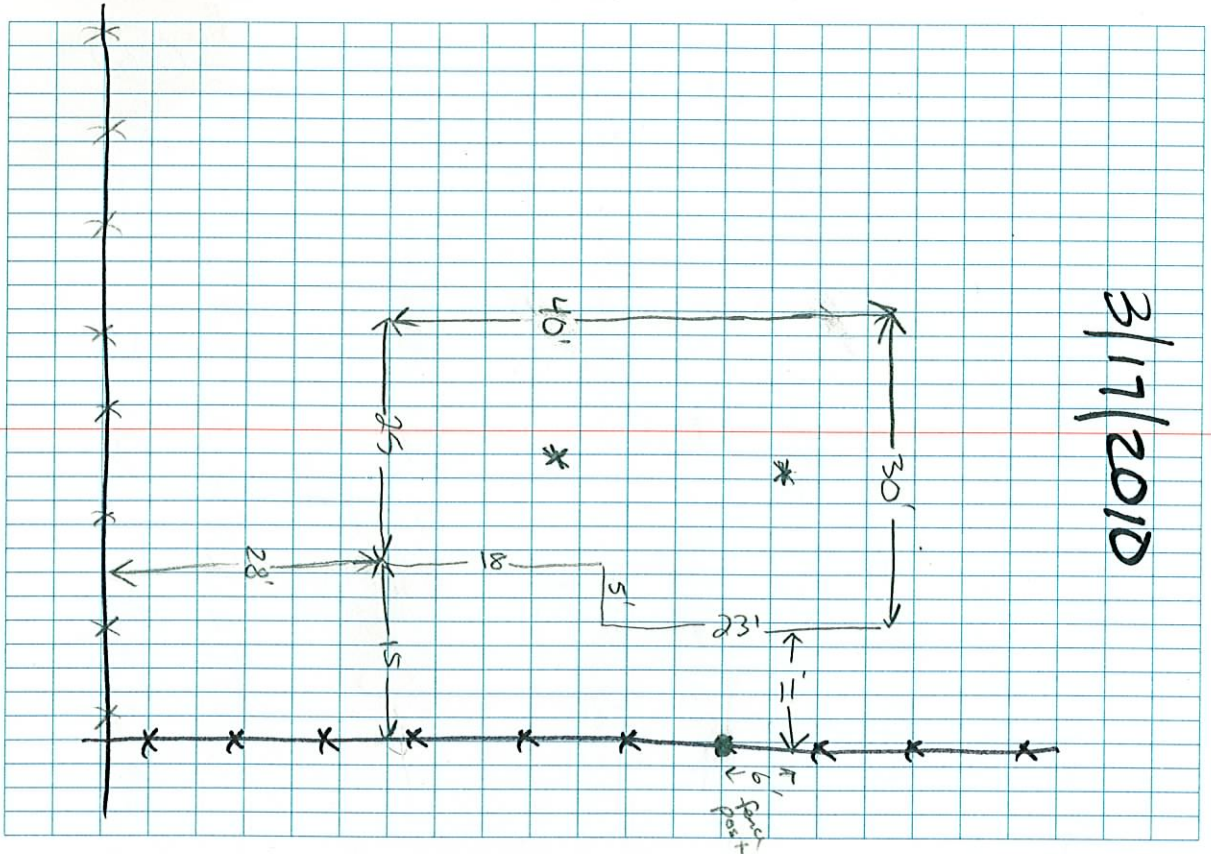
3/17/2010 1200 E. Main St.

0800 Prepping Site + Areas 2
for live loading of
+100 ppm soils to Landfill.

Bob Lowe (NYSDOT) on Site ~ 1000 AM
discussed eastern sidewalk of
AREA 2 & decided to dig into
the former foundation walls and
an additional 4' to the east to
try to get out of grossly cont.
soil at of 10' bgs, then terminate.
GPS location of seam + address
residual cont. w/ Geo Treatment
system.

NOTE:

3/17/2010



3/18/2010

1200 E. Main St.

0800 - Continue to excavate north wall of AREA 2 clean soil from 0-9' bgs is being backfilled into the center of AREA 2 + east sidewalk to prevent case-in.

Cont. seam at ~ 10' bgs

Leading N-NE.

Terminated excavation

@ AREA 2 @ ~ 10:30 am

3/18/2010 6:18 PM

Contaminated seam along East

Well + NE corner left in place. Samples taken for

analysis. Excavation is

$$63 \times 33 \times 18'$$

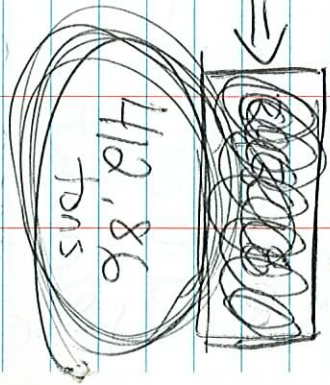
$$AREA = 2080 \text{ ft}^2 \text{ (2 bottom)}$$

$$\text{Volume} = 693 \text{ cu yd (0-9')}$$

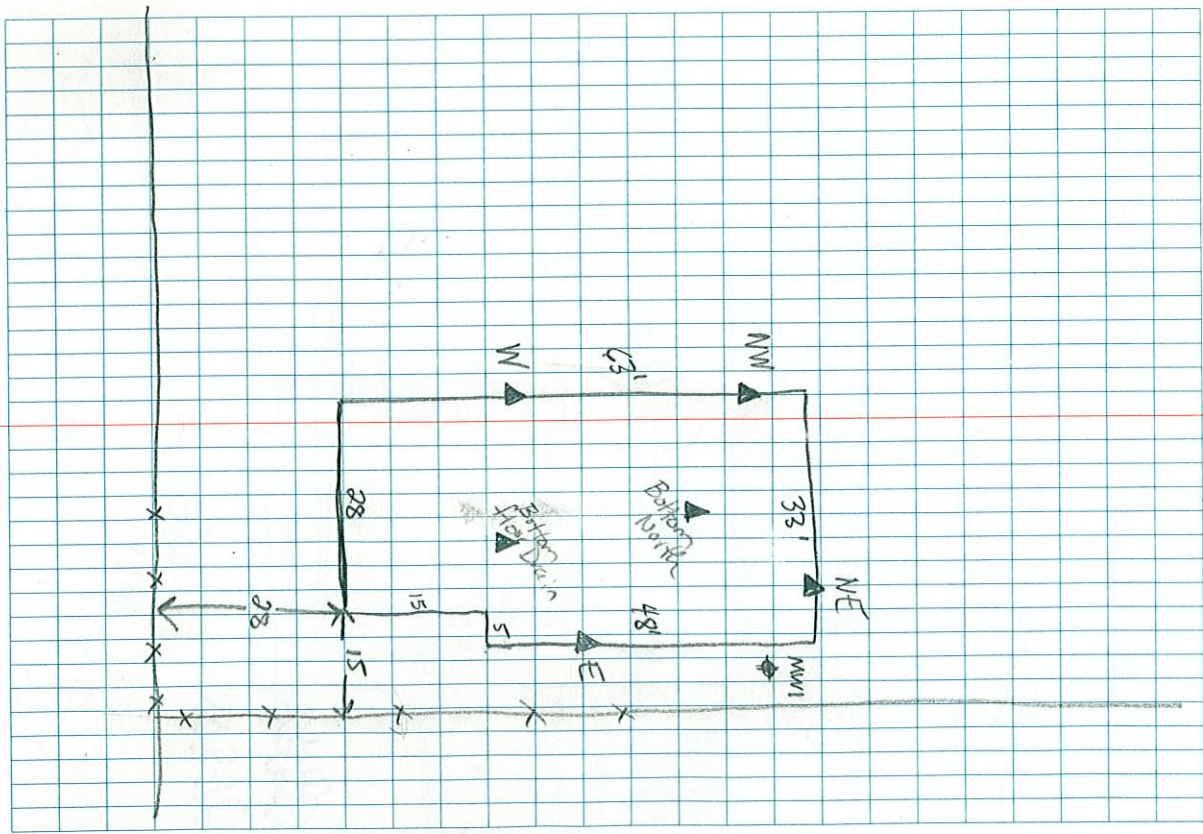
$$= 385 \text{ contaminated}$$

weight tickets \Rightarrow

222
258.03
22.81
23.97
85.15
412.86



3/18/2010



3/18/2010

NYTECH vac truck on-site
@ 12:30P to pump H₂O out
of AREA 4.

left site ~ 3pm.

Approximately 1000 gal
of pet. cont. H₂O pumped
from Excavation AREA 4.

26908

26908

1900'x

148'x

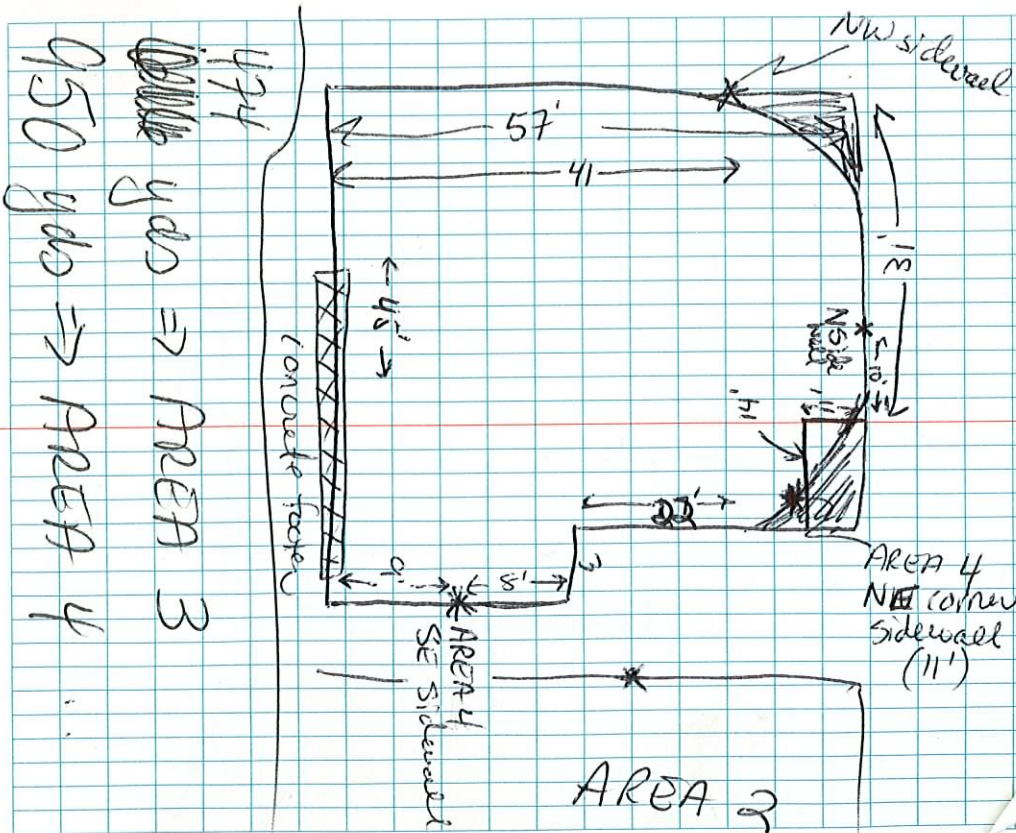
35"

80'x 17'5"

1200 . E. Main

3/22'

Excavating AREA 4.



3/23/2010

NOTES:

Just Forged
of

1200 EAST MAIN.

SPOKE TO K. HAMBLEN RE:

BACKFILL SOILS FROM PLYMOUTH

HE'S CHECKING OUT THE SITE
IF HE'LL BE ABLE TO PREP
IT w/ STONE FOR TRANSPORTING
SOILS BY THURSDAY.

IF IT'S NOT POSSIBLE TO
SCHEDULE WHAT TRUCKS +
MATERIALS ARE REQUIRED
TO GREAT STON ROAD +
PROTECT CURB ETC.. THEN
EXCAVATION #3 WILL NOT
BE STARTED UNTIL NEXT
WEEK.

I DON'T WANT AREA 3 OPEN
EVEN THE W/LE.
THIS WAS EXPRESSED TO
KEITH DIRECTLY BY ME.

Bob Long (DEC) has been
in-sit throughout the
excavation + is up to
speed on project status
for data.

Inf. soil has been left
in place in areas 2+4
+ have been sampled.

System design will
address residual cont.
subsequent to source
removal.

- Need to review past data
to determine (if possible)
which are seasonal
fluctuations.

"Bathub" effect has been
observed in AREA4.

So far, rain has helped
manage dust + mud. (yeah!)
Expect to pull final dust
standard samples from AREA4
by 1200 on 3/23/2010.

AREA 3 measures roughly
80x18 ft. - starting from
MUD 3 & moving west.

If excavated from surface
to bedrock (~13') total
removed will be ~ 1616 yd.
if we install ~ 3 ft of
sand at bottom, then
~ 475 yds of additional
soil will be needed from
plymouth.

Total Plymouth Soils

AREA 1A + 1B - (NONE)

AREA 2 ~ 165 yd³

AREA 3 ~ 475 yd³

AREA 4 ~ 720 yd³

1500 yd ³
1360 yd ³

Area 4

(444 yd³)

Approx 30' x 50' x 8' of surface fill "Sand" was stockpiled for re-use

Final excavation is 57' x 31' x 13' (irregular shaped)

∴ total of 850 yd³ removed

installed in 2' layer of sand back into bottom of Area 4.

∴ 57' x 31' x 11' ⇒ 720 yd³

of soil needed from Plymouth

1200 S. Main St

3/30/2010

Import Soils from Plymouth, Ave.

Time	Truck #	Volume (yd ³)
0748	30	15
0759	12	15
0819	11	15
0832	30	15
0917	12	15
0925	11	15
0933	12	15
0937	78	15
0945	11	15
0955		15
1011	12	15
1025	78	15
1038	11	15

hydraulic line on Plymouth Excavator broke - on standby.

3/30/2010

Dug into + sunped South
Subsides of AREA 2+4.

Greg MacLean on-site. Agreed
we should dig out ~~area 2~~
AREA 3 to prepared limits
+ not chase cont.

put const. fence in on
south sides to demarcate
backfill from native material

will continue to backfill
AREA 2+4 completely +
then stockpile soil for
AREA 3 for next Monday
April 4th.

1111

Resumed backfilling @ 1330

Time	Track	Volume (y)
1328	30	15
1342	12	15
1349	78	15
1357	11	15
1411	30	15
1427	12	15
1432	78	15

S	M	I	W	Th	F	S
28	29	30	24	25	26	27
SW	SW	SW	SW	SW	SW	SW
Ran	Ran	Ran	Ran	Ran	Ran	Ran

plymouth

1260 E. Main St.

March 31, 2010

Sign Burgess
on-site 0915

RiceLI on-site @ 0730

Weather: fairly steady, 40s, breeze to the south.

*Impacting soils from South Plymouth.

Time	Truck	Volume (yd ³)
0800	30	15
0803	78	15
0812	12	15
0830	11	15
0841	30	15

* truck temporarily stuck on S. Plymouth
site - were halted from 0845 to 0911 -
air monitoring still conducted

0914	78	15
0933	12	15
0941	11	15
0947	30	15
0958	78	15
1010	12	15
1019	11	15
1031	30	15
1037	78	15
1045	12	15

TIME	TRUCK	VOLUME (yd ³)
1055	11	15
1102	30	15
1117	78	15
1123	12	15
1130	11	15
1140	30	15
1200	78	15
1206	12	15
1211	11	15
1220	30	15
1248	78	15
1254	12 - Truck got stuck	15
1310	11	15
1310	30	15
1323	78	15

* City street cleaners based down the road to remove dirt minimize dust
* Truck #12 unstuck

1335	11	15
1355	30 - last for #30	15
1410	78 - last for #78	15
1418	12 - last for #12	15
1426	11 - last for #11	15

1200 E. Main St 4/1/2010

0730 Begin excavating AREA 3

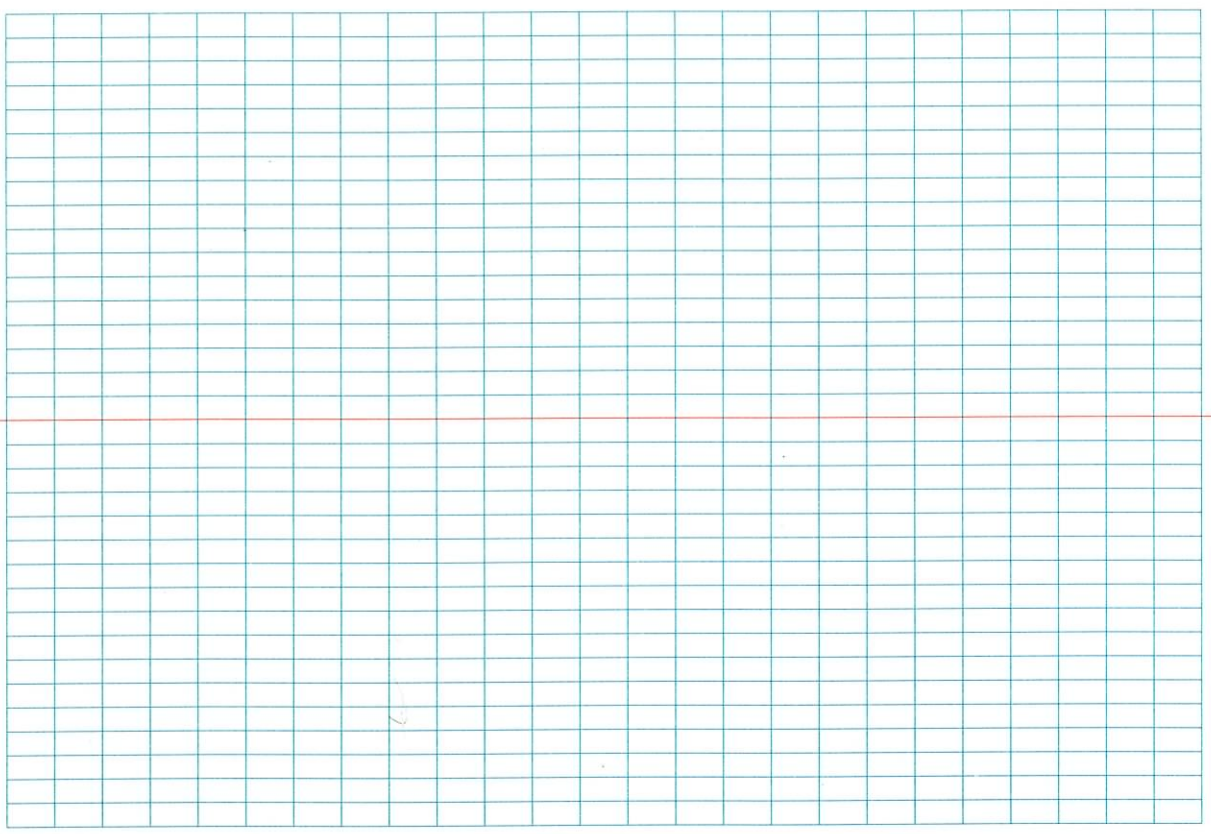
Contaminated soil reached at ~13.5' bgs. ~1.5' seam on Bedrock beginning on east side of proposed excavation (circa MW 3).

28313JS #38 32353

As AREA 3 excavation progressed west. Cont. was found @ drastic ly shallower depth ~ 3-4' bgs. Possibly corresponding to where pumps & lines were in the past.

Bedrock @ Center of AREA 3 off Northward ~13.5'. Just becoming wet.

32355



8⁰⁰ AM: FRI 07/31/09

Paul Willey - operator

on-site 7⁴⁵ AM overcast ~ 74°F AM
LT RAIN in early AM
RAIN overnighT

7⁵⁵ Paul Willey

8²⁰ : Jane Forbes on-site

8³⁰ AM: sprinkles

FRID 07/31/09

BTP #1: Southern most
oriented EAST - west width = 3' d'
START @ 8¹² - AM 10.0' LONG
Gravel surface Max depth =
7.0'

0' : Brown moist F-C SAND
an F-C Gravel
Concrete 12"
Cobbles 6" TO 12"

2' : Asphalt 18" Layer
Steel electrical conduit
Red BRICKS

H NU LACS: 0.3 ppm - 0.4 ppm
Less than BKGD = 0.5 ppm

5' : 3 FT + Limestone Boulder
10' E-W x 3' N-W x 7 FT deep

7' : still in fill
Slightly darker color
few Red BRICKS
MIST PLANK BF
FCSAW AND
F-C gravel
Cobbles
BRICKS

sample BTP-1 @ 8³⁰ - AF
still in pit 7'

Fri 07/31/09 1317 S. Plymouth
Borrow Character

Backfilled BTP-1

to BTP-2: 27' North of BTP-1

BTP-2: S&G, very sparse vegetation
cover, light sprinkles

Start BTP-2 @ 8:30 AM

BRICKS & BRICK FRAGMENTS
RIGHT AT SURFACE

1' = 3 FT + piece concrete
Brown moist F.C SAND
and F.C Gravel

Some cobbles up to 12"
3 FT CONCRETE Saw cut - Foundation

3 FT: Several Pieces Asphalt
Parking lot

PID = 0.4 ppm L BKGD 0.5 ppm
NO odor NO staining

pieces black plastic sheeting
old poly cover

4 FT: pull out large chunk
Asphalt 2' x 3' x 6"!
Piece Road Base
Orange Bricks
more Asphalt

5 FT: same Brown S&G and Boulder
Fill. ASPHALT, Rock cobbles 12" +

6 FT: same, concrete 12" +

~ 20% BRICK, concrete
ASPHALT
BUILDING DEBRIS
mixed Earth

BTP-2
TD = 7.0 FT

STILL in F: "

slightly smaller than BTP-1
BTP = 9' E-W x 3' wide
x 7' deep

8:50 AM collected
Sample

1317 S. Plymouth
Borrow P. 18

FR: 07/31/09

9:00 AM: Start BTP-3
27'(N) of BTP-2

BTP-3 9:00 AM sprinkles stopped

0'-1': 2 chunks concr 2ft x
at surface

Brown damp f-c sand
and f-c gravel some cobby
4" to 8" concr

2' same, metal wire: thin rebar

3 chunks concr 2 ft x @ 3 ft

4 ft: ^{grv} silt mixed in start demolition
no obs, no voids

P'D = 0.2 ppm L approx
BKWD

6 ft: same fill
some red bricks
NO ASPHALT

Another chunk concr
3 ft x 8" thick
TRIANGULAR

FR: 07/31/09

1317 S. Plymouth
Borrow P. 18

TP-3 = 8 ft E-W
x 3.0 ft wide N-S
x 7.0 ft max depth

7 ft: still in the
same identical fill
NO standing water

collected sample BTP-3 9:10 AM

* mix Brown earth fill
and Building Foundation
& Road Debris

CONCRETE, BRICK ASPHALT = 20'

BUILDING FOUNDATION
& ROAD DEBRIS

BTP-4 = 27'(N) BTP-3

Start @ 9:20 AM

* RIGHT NEXT TO oriented cable TV line

Some Surface: v. sparse vegetation
Brown soil top

BTP-4 1317 S. PLY MOUNT FR: 07/31/09

BTP-4 start @ 9:20 AM NO SPRINKLES
1 FT: ASPHALT PIECES 6" → 12"
ROAD BASE
PIECES ORANGE BRICK

PID VOCs: 0.3 ppm \angle BKD = 0.4 ppm

3 FT: MORE BRICKS MIXED IN FILL
PIECE CLAY SEWER TILE PIPE

4 FT: ASPHALT PIECES: ROUNDER PARTICLES

5 FT: 5" ASPHALT PIECES
4 COBBLES 4" → 6" ROB COBBLE

6 FT: BRICKS IN FILL
1 SMALL PIECE OF GLASS

7 FT: SAME FILL WITH BRICK

8 FT: ASPHALT, FLAT LYING PIECE
MAY MARK BOTTOM
OF FILL @ ~ 8 FT

BTP-4 FR: 07/31/09
1317 S. PLY MOUNT

Collected sample BTP-4
@ 9:30 AM

FILL APPROX TO END @ 8.0 FT
NO ODORS, NO VOC AND STAINING
NO WOOD OR LUMBER!

BTP-4 = TP = 8.0'

7' E-W X
3' wide N-S X
8 FT DEEP

TO BTP-3

BTP-3 = 27' (N) BTP-4

Start BTP-2 @ 9:35 AM

Same surface, NO SPRINKLES

0'-1': Again ASPHALT CHUNK
pavement - PARKING LOT
AT SURFACE 3 FT + SIZE
MIXED IN SAME BROWN STG FILL

2': RED BRICKS IN THE FILL

BTP-5 1317 South Plymouth FR: 07/13/09

BTP-5 Same FILL NO concrete yet this pit, JUST ASPHALT & BRICKS. The Brown S&G Earth Fill VOCs = 0.3 ppm, BKGD = 0.4 ppm NO odor

6' - 5" in fill, with clumps of what appears to be TILL: "Blocks" Silty - sand & G&S Clogs m. x m with LITTLE ASPHALT & BRICKS

7 FT: * DIFFERENT, DARK GRAY SLACK SILT & GRAVEL. 7' : must be GRAVEL ROAD BASE size: 7' E-W x 3' N-S wide x 8 FT DEEP.

Original Surface @ 8 FT BLACK CRACKED STONE FILL

Collected BTP-2 @ 9:50 AM VOCs on PID = 0.3 ppm < BKGD 0.4 ppm

TO BTP-6 FR: 07/13/09 S. Plymouth

NORTHERN - MOST TEST P.T. 5' SOUTH OF NORTHWORKING FACE BTP-6 started @ 10:10 AM NO RA.

Oriented 90°!

Dug N-S test P.T

NO Vegetative cover

Brown S & G AT SURFACE 1 FT: ORANGE BRICKS

2 FT: CONCRETE - MASONRY BLOCK mixed in Brown S&G Earth FILL

3 FT: ASPHALT Fragments

4 FT: Black Sewer pipe Fragment

* VOCs = 0.2 ppm < 0.3 ppm BKGD

5 FT: same FILL, Orange BRICKS smaller cobbles

BTP-6

FR: 07/31/09
1317 S. PLYMOUTH

TD = 6.0 FT

slightly Below grade of
Road Base
Same FILL

DID NOT encounter
Native Soil

of underlying Road Base

Sampled @ 10²⁰ AM

APPENDIX 6
MONTHLY REPORTS (STATUS REPORTS)



January 24, 2017

Ms. Jane Forbes
City of Rochester – Division of Environmental Quality
30 Church Street Room 300B
Rochester, NY 14614

Re: Remediation System Status Report; December 2016
1200 East Main Street
City of Rochester
Monroe County, New York
Brownfield Project B-00129-8
Matrix Project #12-041

Ms. Forbes:

Enclosed please find the Remediation System Status Report for the above-referenced site. This report includes a summary of field activities and system data collected in December 2016.

To date, a total of 117.69 pounds of BTEX have been recovered through venting and 0.24 pounds of BTEX have been recovered through pumping. There was little to no additional recovery in December as BTEX concentrations were non-detect in the system influent air and remained low in the system influent water at 38.3 µg/L.

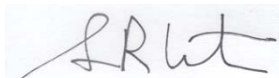
Since contaminant recovery has reached asymptotic levels, the VEGE system was deactivated and an oxygen injection system was activated on January 9-10, 2017 as detailed in the addendum to the RAWP. Additional site data and oxygen injection system operational data will be included in the January 2017 System Status Report.

Should you have any questions or require any additional information, please contact METI at 716-662-0745.

Sincerely,
Matrix Environmental Technologies Inc.



Christine Curtis
Project Engineer



Sean R. Carter, P.E.
Principal Engineer

Enclosure

cc: Mr. Stephen DeMeo – Bergmann Associates
Ms. Erin MaGee – Monroe County Pure Waters

REMEDIATION SYSTEM STATUS REPORT

December 2016

1200 East Main Street
City of Rochester
Brownfield Project B-00129-8

GROUNDWATER REMEDIATION INFORMATION:

Remediation System – Vacuum Enhanced Groundwater Extraction

System activation date: May 23, 2016

VEGE well specifications: EX-1 through EX-9: 4-inch ID PVC with 10 feet of 0.020-inch slot screen, total depths range from 21.5 to 24.0 feet below grade.

Extraction equipment specs: 3 hp GAST XP regenerative blower, 9 pneumatic pumps (AP4+, QED) and air compressor (5 HP Kaesar rotary screw)

Method of groundwater treatment: Oil water separator, 50 GPM low profile air stripper (QED EZ-Tray 4.4S)

Method of air treatment: 2 carbon vessels (275 lbs. each)

VEGE TREATMENT SYSTEM PERFORMANCE DATA

Groundwater Discharge: Treatment via air stripping
Discharge Point: Sanitary sewer
Discharge Limit: Summation of all BTEX and PAH compounds reported greater than 10 µg/l shall not exceed 2.13 mg/L
Effluent analytical results: All samples below limits (see attached Table 3)

Air Discharge #1: Air stripper effluent discharge
Discharge Point: PVC stack at 15 feet above grade
Discharge Limit: 968.75 µg/L influent benzene at 10 GPM or less
Influent analytical results: All samples below limits (see attached Table 3)

Air Discharge #2: Effluent from carbon vessels
Discharge Point: PVC stack at 15 feet above grade
Benzene Discharge Limit: 4.94×10^{-3} lbs./hr
Results: All samples below limits (see attached Table 5)

VEGE Treatment System Performance Data Summary

	December-16
Active Recovery Wells (pumping)	EX-1 – EX-9
Operation efficiency (% running time)	100%
Average pumping rate (gallons per minute)	0.51
Treated groundwater discharged per month (gallons)	26,306
Treated groundwater discharged to date (gallons)	138,509
Estimated hydrocarbons recovered per month (pounds)	0.004
Estimated hydrocarbons recovered to date (pounds)	0.24

Active Recovery Wells (venting)	EX-1 – EX-9
Operation efficiency (% running time)	100%
Average effluent air flow rate (standard cubic feet per minute)	120
Average applied vacuum (inches H ₂ O)	7
Benzene effluent concentration from air sample analysis (µg/m ³)	0
Effluent Benzene loading rate (pounds per hour)	0
Estimated BTEX recovered per month (pounds)	0.49
Estimated BTEX recovered to date (pounds)	117.69

VEGE SYSTEM DESCRIPTION & PERFORMANCE

The VEGE system extracts hydrocarbon vapor, groundwater, and LNAPL from nine recovery wells (EX-1 through EX-9). The recovery wells are each equipped with a pneumatic submersible pump for groundwater and LNAPL extraction and a single surface mounted regenerative blower is used to apply vacuum to the sealed recovery wells. The pumping rate is set to dewater the target zone, which is the upper 10 feet of fractured bedrock. Vacuum is applied to the recovery wells to optimize the extraction of fluids.

The VEGE system was 100% operational in December 2016. To date, a total of 117.69 pounds of BTEX have been recovered through venting and 0.24 pounds of BTEX have been recovered through pumping, the majority of which was recovered in the first week of system operation. There was negligible additional recovery during the reporting period as BTEX concentrations in the influent air declined to zero and BTEX concentrations in the air stripper influent remained low at 38.3 µg/L. Liquid flow rates have stabilized at generally low levels with well yields from the individual extraction wells currently ranging from 0.0 to 0.17 GPM. The monthly total system flow rate averaged 0.55 GPM in December, a slight decrease from November.

Based on the trends of low and decreasing PID readings of extracted vapors and groundwater recovery rates from extraction wells EX-1 through EX-5, physical contaminant extraction was optimized during the initial two to three months of system operation. Most of the contaminant

mass recovered during the previous three to four months was recovered from the southern portion of the site through EX-6 and EX-7 located within the current 100 ppb groundwater VOC contour, where PID readings of extracted vapors were most elevated. Quarterly groundwater data collected from the monitoring wells in August and November supports this conclusion. Refer to Tables 2-4 for a summary of VEGE system flow rates and contaminant recovery and to Table 5 for a summary of individual leg PID readings from the recovery wells.

Low-level xylene concentrations were observed in the system effluent samples from the treatment system in December. The vapor discharge from the air stripper (as calculated by influent water concentrations and system pumping rate) was below the discharge limit for benzene emissions. The vapor system effluent concentrations did not exceed regulatory discharge limits for benzene emissions. Refer to Table 6 for a summary of system water performance sampling results. Laboratory analytical reports are included in Attachment A.

The data indicates that the majority of the contaminant mass has been removed through operation of the VEGE system and that the rate of contaminant recovery via venting and pumping has reached asymptotic levels. Since the VEGE system was activated in May 2016, groundwater VOC concentrations in all monitoring wells have decreased significantly and LNAPL has not been detected in any wells since June 2016. At these lower concentrations, bioremediation becomes more efficient than a physical removal processes. Per the addendum to the RAWP, the site will be converted to oxygen injection to stimulate *in situ* biodegradation during the first quarter of 2017.

SITE ACTIVITIES COMPLETED DURING PERIOD

<u>Date</u>	<u>Activities Completed</u>
12/7/16	System inspection. VEGE system operational upon arrival. Recorded system data and groundwater levels in onsite monitoring wells. Collected system water samples and air samples. The water samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625. The air samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method TO-3.
12/22/16	System inspection. VEGE system operational upon arrival. Recorded system data.

FUTURE ACTIVITIES

- VEGE system deactivation
- Oxygen injection system activation
- Operation and maintenance of the oxygen injection system
- Bi-weekly system checks of the oxygen injection system

LIST OF ATTACHMENTS

- Table 1: Groundwater Gauging Data and Drawdown
- Table 2: Groundwater Flow Summary
- Table 3: Historical Summary of Groundwater Recovery
- Table 4: Historical Summary of Vapor Recovery
- Table 5: Recovery Well PID Readings
- Table 6: Historical Summary of Groundwater Treatment System Results

- Appendix A: Laboratory Analytical Reports

TABLES

Table 1

Groundwater Gauging Data and Drawdown
1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8

Well ID# and Casing Elevation (ft)	Date	Time	Depth to Product	Depth to Water	Product Thickness	Adjusted Depth to Water	Groundwater Elevation	Drawdown
MW1 495.35	05/23/2016	baseline	-	17.88	-	17.88	477.47	
		1:15 PM	-	21.09	-	21.09	474.26	3.21
	05/25/2016		-	21.58	-	21.58	473.77	3.70
	06/02/2016		-	21.72	-	21.72	473.63	3.84
	07/13/2016		-	21.34	-	21.34	474.01	3.46
	09/06/2016		-	20.94	-	20.94	474.41	3.06
	10/05/2016		-	20.51	-	20.51	474.84	2.63
	11/01/2016		-	19.86	-	19.86	475.49	1.98
	11/08/2016		-	19.58	-	19.58	475.77	1.70
12/07/2016		-	18.72	-	18.72	476.63	0.84	
MW2 496.02	05/23/2016	baseline	-	17.52	-	17.52	478.50	
		1:15 PM	-	18.06	-	18.06	477.96	0.54
	05/25/2016		-	18.54	-	18.54	477.48	1.02
	06/02/2016		-	18.19	-	18.19	477.83	0.67
	07/13/2016		-	21.40	-	21.40	474.62	3.88
	09/06/2016		-	22.71	-	22.71	473.31	5.19
	10/05/2016		-	23.43	-	23.43	472.59	5.91
	11/01/2016		-	22.39	-	22.39	473.63	4.87
	11/08/2016		-	22.34	-	22.34	473.68	4.82
12/07/2016		-	22.57	-	22.57	473.45	5.05	
MW3 492.02	05/23/2016	baseline	13.53	13.56	0.03	13.54	478.48	
		1:15 PM	16.66	16.69	0.03	16.67	475.35	3.13
	05/25/2016		15.27	15.31	0.04	15.28	476.74	1.74
	06/02/2016		15.28	15.32	0.04	15.29	476.73	1.75
	07/13/2016		-	15.32	-	15.32	476.70	1.78
	09/06/2016		-	18.27	-	18.27	473.75	4.73
	10/05/2016		-	16.79	-	16.79	475.23	3.25
	11/01/2016		-	16.05	-	16.05	475.97	2.51
	11/08/2016		-	16.30	-	16.30	475.72	2.76
12/07/2016		-	14.19	-	14.19	477.83	0.65	
MW4 492.00	05/23/2016	baseline	15.41	15.48	0.07	15.42	476.58	
		1:15 PM	16.73	16.75	0.02	16.73	475.27	1.31
	05/25/2016		17.52	17.58	0.06	17.53	474.47	2.11
	06/02/2016		-	16.59	-	16.59	475.41	1.17
	07/13/2016		-	17.42	-	17.42	474.58	2.00
	09/06/2016		-	17.36	-	17.36	474.64	1.94
	10/05/2016		-	17.15	-	17.15	474.85	1.73
	11/01/2016		-	17.20	-	17.20	474.80	1.78
	11/08/2016		-	17.19	-	17.19	474.81	1.77
12/07/2016		-	16.74	-	16.74	475.26	1.32	
MW7R 491.97	07/13/2016		-	17.22	-	17.22	474.75	
	09/06/2016		-	17.52	-	17.52	474.45	
	10/05/2016		-	17.39	-	17.39	474.58	
	11/01/2016		-	17.16	-	17.16	474.81	
	11/08/2016		-	17.27	-	17.27	474.70	
	12/07/2016		-	17.02	-	17.02	474.95	

Table 1 (Continued)

Groundwater Gauging Data and Drawdown
1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8

Well ID# and Casing Elevation (ft)	Date	Time	Depth to Product	Depth to Water	Product Thickness	Adjusted Depth to Water	Groundwater Elevation	Drawdown
MW8 494.91	05/23/2016	baseline	-	20.84	-	20.84	474.07	
		1:15 PM	-	20.88	-	20.88	474.03	0.04
	05/25/2016		-	21.05	-	21.05	473.86	0.21
	06/02/2016		-	21.17	-	21.17	473.74	0.33
	07/13/2016		-	22.16	-	22.16	472.75	1.32
	09/06/2016		-	22.19	-	22.19	472.72	1.35
	10/05/2016		-	DRY	-	DRY	DRY	DRY
	11/01/2016		-	21.15	-	21.15	473.76	0.31
	11/08/2016		-	20.98	-	20.98	473.93	0.14
12/07/2016		-	21.55	-	21.55	473.36	0.71	
MW9R 492.41	07/13/2016		-	18.19	-	18.19	474.22	
	09/06/2016		-	17.87	-	17.87	474.54	
	10/05/2016		-	17.42	-	17.42	474.99	
	11/01/2016		-	14.84	-	14.84	477.57	
	11/08/2016		-	13.13	-	13.13	479.28	
	12/07/2016		-	12.90	-	12.90	479.51	
MW10 NA	05/23/2016	baseline	-	17.70	-	17.70	NA	
		1:15 PM	-	17.70	-	17.70	NA	0.00
	05/25/2016		-	17.70	-	17.70	NA	0.00
MW11 495.95	05/23/2016	baseline	-	17.00	-	17.00	478.95	
		1:15 PM	-	17.28	-	17.28	478.67	0.28
	05/25/2016		-	17.48	-	17.48	478.47	0.48
	06/02/2016		-	17.69	-	17.69	478.26	0.69
	07/13/2016		-	18.93	-	18.93	477.02	1.93
	09/06/2016		-	19.85	-	19.85	476.10	2.85
	10/05/2016		-	20.21	-	20.21	475.74	3.21
	11/01/2016		-	19.48	-	19.48	476.47	2.48
12/07/2016		-	18.80	-	18.80	477.15	1.80	
MW15R 492.54	07/13/2016		-	17.66	-	17.66	474.31	
	09/06/2016		-	18.24	-	18.24	473.73	
	10/05/2016		-	17.78	-	17.78	474.19	
	11/01/2016		-	17.28	-	17.28	474.69	
	11/08/2016		-	17.50	-	17.50	474.47	
	12/07/2016		-	16.86	-	16.86	475.11	
MW16 NA	05/23/2016	baseline	-	15.97	-	15.97	NA	
		1:15 PM	-	17.30	-	17.30	NA	1.33
	05/25/2016		-	18.32	-	18.32	NA	2.35
	06/02/2016		-	18.17	-	18.17	NA	2.20
	07/13/2016		-	18.25	-	18.25	NA	2.28
	09/06/2016		-	18.06	-	18.06	NA	2.09
	10/05/2016		-	17.84	-	17.84	NA	1.87
	11/01/2016		-	17.72	-	17.72	NA	1.75
	11/08/2016		-	17.85	-	17.85	NA	1.88
12/07/2016		-	16.96	-	16.96	NA	0.99	

NA = Not Available

**Table 2
Groundwater Flow Summary**

**1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Date	Time	Total Pulses	Gallons per Pulse	EX-1 Flow Rate (gpm)	EX-2 Flow Rate (gpm)	EX-3 Flow Rate (gpm)	EX-4 Flow Rate (gpm)	EX-5 Flow Rate (gpm)	EX-6 Flow Rate (gpm)	EX-7 Flow Rate (gpm)	EX-8 Flow Rate (gpm)	EX-9 Flow Rate (gpm)
Baseline		0	0									
5/23/2016	9:35	1,345	0.21	0.34	0.26	0.65	0.01	0.76	0.13	0.84	0.08	3.27
5/23/2016	10:30	1,102	0.22	0.20	0.13	0.40	0.00	0.36	0.07	0.29	0.09	2.77
5/23/2016	11:22	1,427	0.13	0.11	0.07	0.25	0.00	0.12	0.03	0.14	1.20	1.71
5/24/2016		20,503	0.20	0.08	0.09	0.21	0.00	0.31	0.04	0.20	0.35	1.54
5/25/2016		17,906	0.21	0.07	0.09	0.15	0.00	0.48	0.03	0.28	0.11	1.39
5/27/2016		29,375	0.21	0.06	0.06	0.11	0.00	0.43	0.03	0.23	0.04	1.17
5/31/2016		43,117	0.21	0.05	0.06	0.07	0.00	0.46	0.03	0.17	0.02	0.73
6/2/2016		17,702	0.21	0.06	0.06	0.06	0.01	0.42	0.03	0.27	0.00	0.36
6/8/2016		53,812	0.21	0.07	0.06	0.06	0.06	0.55	0.03	0.17	0.01	0.30
6/13/2016		17,615	0.22	0.05	0.03	0.06	0.03	0.19	0.02	0.09	0.00	0.09
6/22/2016		31,708	0.22	0.05	0.03	0.06	0.03	0.19	0.02	0.09	0.00	0.09
6/29/2016		16,189	0.18	0.03	0.02	0.03	0.00	0.09	0.01	0.02	0.00	0.08
7/13/2016		53,166	0.17	0.05	0.02	0.04	0.01	0.16	0.01	0.06	0.00	0.08
7/19/2016		25,435	0.15	0.04	0.02	0.03	0.03	0.12	0.01	0.06	0.00	0.11
7/28/2016		36,410	0.13	0.03	0.02	0.02	0.03	0.07	0.01	0.05	0.00	0.12
9/6/2016		81,074	0.12	0.01	0.01	0.01	0.01	0.02	0.00	0.02	0.00	0.08
9/29/2016		60,893	0.10	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.00	0.08
10/5/2016		14,274	0.08	0.01	0.003	0.01	0.01	0.01	0.01	0.03	0.00	0.07
10/20/2016		35,617	0.08	0.01	0.003	0.01	0.01	0.01	0.01	0.03	0.00	0.06
11/1/2016		84,735	0.27	0.20	0.041	0.06	0.20	0.11	0.07	0.18	0.00	0.46
11/15/2016		122,915	0.15	0.08	0.015	0.03	0.05	0.07	0.03	0.10	0.00	0.55
11/29/2016		58,822	0.10	0.02	0.004	0.01	0.01	0.04	0.01	0.04	0.00	0.15
12/7/2016		20,492	0.09	0.02	0.004	0.01	0.00	0.05	0.00	0.00	0.00	0.07
12/22/2016		64,385	0.09	0.01	0.002	0.01	0.00	0.05	0.00	0.01	0.00	0.17

NA = Not Available

**Table 2 (Continued)
Groundwater Flow Summary**

**1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Date	Time	Total Pulses	Gallons per Pulse	System Totalizer (gal)	System Flow Rate (gpm)	Total Well Yield (gpm)	Total Gallons For Period		Cumulative Gallons Pumped to Date	% Operational	Comments
Baseline		0	0	396	0				0		Baseline
5/23/2016	9:35	1,345	0.21	682	6.35	6.35	286		286	100%	System activated
5/23/2016	10:30	1,102	0.22	920	4.33	4.33	238		524	100%	System operational
5/23/2016	11:22	1,427	0.13	1,108	3.63	3.63	189	3.99	712	100%	System operational
5/24/2016		20,503	0.20	5,164	2.82	2.82	4,055	2.82	4,767	100%	System operational
5/25/2016		17,906	0.21	8,920	2.61	2.61	3,756	2.61	8,524	100%	System operational
5/27/2016		29,375	0.21	15,100	2.15	2.15	6,180		14,704	100%	System operational
5/31/2016		43,117	0.21	24,219	1.58	1.58	9,119		23,823	100%	System operational
6/2/2016		17,702	0.21	27,848	1.26	1.26	3,629		27,452	100%	System operational
6/8/2016		53,812	0.21	39,194	1.31	1.31	11,346	1.50	38,798	100%	System operational
6/13/2016		17,615	0.22	43,153	0.55	0.55	3,959		42,757	100%	System operational
6/22/2016		31,708	0.22	50,280	0.55	0.82	7,127	0.55	49,884	67%	Venting system operational; pumping system not operational due to tripped breaker. Deactivated both systems.
6/29/2016		16,189	0.18	53,116	0.28	0.39	2,836		52,720	71%	System operational (repaired and restarted 6/24/16).
7/13/2016		53,166	0.17	61,906	0.44	0.44	8,791		61,510	100%	System operational
7/19/2016		25,435	0.15	65,609	0.43	0.43	3,703	0.39	65,213	100%	System operational
7/28/2016		36,410	0.13	70,399	0.37	0.37	4,789	0.41	70,003	100%	System operational
9/6/2016		81,074	0.12	79,859	0.16	0.33	9,460	0.23	79,463	50%	System operational. System was shut down 8/11 - 8/31 (20 days) for quarterly sampling.
9/29/2016		60,893	0.10	85,686	0.18	0.18	5,827		85,289	100%	System operational
10/5/2016		14,274	0.08	86,871	0.14	0.14	1,185		86,475	100%	System operational
10/20/2016		35,617	0.08	89,737	0.13	0.13	2,866		89,341	100%	System operational
11/1/2016		84,735	0.27	112,599	1.32	1.32	22,862		112,203	100%	System operational
11/15/2016		122,915	0.15	131,272	0.93	0.93	18,673		130,876	100%	System operational
11/29/2016		58,822	0.10	137,147	0.29	0.29	5,875		136,751	100%	System operational
12/7/2016		20,492	0.09	138,905	0.15	0.15	1,758		138,509	100%	System operational
12/22/2016		64,385	0.09	144,424	0.26	0.26	5,519		144,028	100%	System operational

NA = Not Available

Table 3

**Historical Summary of Groundwater Recovery
1200 East Main Street
City of Rochester
Monroe County, NY**

EPA Method 624 (BTEX + MTBE)

Date	Air Stripper Influent (BTEX)	Air Stripper Effluent (BTEX)	Gallons Pumped Per Period	Gallons Pumped to Date	BTEX Recovery (lbs.)	BTEX Recovery to Date (lbs.)
5/18/2016	3,952	0.0		0		
5/23/2016	3,689	15.3	712	712	0.02	0.02
5/24/2016	1,028	0.0	4,055	4,767	0.08	0.10
5/25/2016	589	0.0	3,757	8,524	0.03	0.13
6/8/2016	96	0.0	30,274	38,798	0.09	0.21
6/22/2016	111	0.0	11,086	49,884	0.01	0.22
7/13/2016	40.4	0.0	11,626	61,510	0.01	0.23
9/6/2016	12.6	0.0	17,953	79,463	0.004	0.23
10/5/2016	0.0	0.0	7,012	86,475	0.000	0.24
11/1/2016	16.1	7.11	25,728	112,203	0.001	0.24
12/7/2016	38.3	7.34	26,306	138,509	0.004	0.24

NOTES:

All results in units of ug/L unless otherwise noted.

Table 4
Historical Summary of Vapor Recovery
1200 East Main Street
City of Rochester
Monroe County, NY

Date	Time	PID (ppm)			Vac @ header (in H2O)	Flow (cfm)	BTEX (ug/m3)		Benzene (ug/m3)		% Operation	BTEX Loading Rate (lbs/hr)	BTEX Recovery (lbs)	BTEX Recovery to Date (lbs)	Effluent Benzene Loading Rate (lbs/hr)
		pre-carbon	mid-carbon	post-carbon			Influent	Effluent	Influent	Effluent					
5/23/2016	8:55	277	0	0											
	9:26	411	252	52											
	10:27	423	29	0											
	11:27	434	46	26											
	13:02	421	58	0	40	135	73,800	62	1,900	0	100%	3.16E-05	0.15	0.15	0.00E+00
5/24/2016		305	251	61	39	136									
5/25/2016		365	0	0	41	133									
5/27/2016		261	0	0	40	135									
5/31/2016		199	3.3	85	42	131									
6/2/2016		180	1.6	11.5	48	119									
6/8/2016		196	163.6	182.6	47	120									
6/13/2016		180	80	40	47	120									
6/22/2016		166	80	31	48	119	99,340	5,800	8,440	3,150	100%	1.39E-03	28.56	28.71	1.49E-03
6/29/2016		132	3.3	0	40	135									
7/13/2016		117	0	25	39	136									
7/19/2016		105	42	23	40	135	57,900	2,500	4,550	2,500	93%	2.10E-03	22.65	51.36	1.27E-03
7/28/2016		97	61	40	39	136									
9/6/2016		220	270	155	38	138	51,150	0	1,980	0	50%	6.41E-04	16.07	67.44	0.00E+00
9/22/2016					37	139									
9/29/2016		200	87	22	37	139									
10/5/2016		230	15	10	37	139	99,410	0	2,240	0	100%	0.00E+00	27.28	94.71	0.00E+00
10/20/2016		114	51	30.7	37	139									
11/1/2016		92	2	2	52	115									
11/15/2016					58	105	2,560	0	0	0	100%	0.00E+00	22.49	117.20	0.00E+00
11/29/2016		22	25	2	7	195									
12/7/2016		10	16	0	7	195	0	0	0	0	100%	0.00E+00	0.49	117.69	0.00E+00
12/22/2016		5	10	0	7	195									

NOTE: Blank space indicates that data was not collected.

Table 5

**Recovery Well PID Readings (ppm)
1200 East Main Street
City of Rochester
Monroe County, NY**

Date	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	EX-9
5/23/2016	343	312	335	317	327	384	415	310	127
5/24/2016	314	74	216	261	216	256	327	233	176
5/25/2016	302	69	233	242	191	148	407	262	223
6/2/2016	105	57	109	158	127	132	376	165	181
7/13/2016	51	31	54	46	170	122	104	62	29
11/1/2016	5	5	20	5	45	195	85	25	30
12/7/2016	0	0	10	4	4	47	53	7	16

Table 6

Historical Summary of Groundwater Treatment System Results (µg/L)
1200 East Main Street
City of Rochester
Monroe County, NY

EPA Method 624 (BTEX + MTBE)

EPA Method 625 (SVOCs)

VOCs	5/18/2016		5/23/2016		5/24/2016		5/25/2016		6/8/2016		6/16/2016		7/13/2016		9/6/2016		10/5/2016		11/1/2016		12/7/2016	
	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent
Benzene	55.6	<1.00	61.6	<1.00	11.6	<1.00	<10.0	<1.00	3.35	<1.00	1.42	<1.00	<1.00	<1.00	2.01	<1.00	<1.00	<1.00	1.57	1.11	2.65	<1.00
Toluene	310	<2.00	387	<2.00	50.3	<2.00	23.7	<2.00	3.84	<2.00	2.90	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Ethylbenzene	628	<2.00	556	2.03	126	<2.00	59.8	<2.00	2.17	<2.00	11.2	<2.00	2.22	<2.00	2.08	<2.00	<2.00	<2.00	<2.00	<2.00	3.57	<2.00
m,p-Xylene	2440	<2.00	2200	11.0	706	<2.00	419	<2.00	61.4	<2.00	76.9	<2.00	33.4	<2.00	8.52	<2.00	<2.00	<2.00	14.5	6.00	27.9	7.34
o-Xylene	518	<2.00	484	2.22	134	<2.00	86.8	<2.00	25.1	<2.00	18.5	<2.00	4.76	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	4.20	<2.00
Total BTEX	3,952	ND	3,689	15.3	1,028	ND	589	ND	95.9	ND	110.9	ND	40.4	ND	12.61	ND	ND	ND	16.1	7.11	38.3	7.34

MTBE	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
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SVOCs	5/18/2016		5/23/2016		5/24/2016		5/25/2016		6/8/2016		6/16/2016		7/13/2016		9/6/2016		10/5/2016		11/1/2016		12/7/2016	
	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent
Anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Acenaphthylene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Acenaphthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(a)anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(a)pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(b)fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(g,h,i)perylene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(k)fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Chrysene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Dibenz(a,h)anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Fluorene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Indeno(1,2,3-cd)pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Naphthalene	NA	<10.0	NA	28.6	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Phenanthrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Total SVOCs	NA	ND	NA	28.6	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND

Total VOCs + SVOCs	NA	ND	NA	43.85	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND
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NOTES:
 All results in units of ug/L unless otherwise noted.
 NA = Not Analyzed

APPENDIX A
LABORATORY ANALYTICAL REPORTS



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

165298

Referencing

COR-1200 E. Main, 12-041

Prepared

Tuesday, December 13, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, appearing to be "R. M. [unclear]", is written over a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958 • PADEP ID# 68-02351

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Tuesday, December 13, 2016

Page 1 of 8



Client: Matrix Environmental

Project Reference: COR-1200 E. Main, 12-041

Sample Identifier: Pre-Stripper

Lab Sample ID: 165298-01

Date Sampled: 12/7/2016

Matrix: Groundwater

Date Received: 12/7/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	2.65	ug/L		12/8/2016 17:12
Ethylbenzene	3.57	ug/L		12/8/2016 17:12
m,p-Xylene	27.9	ug/L		12/8/2016 17:12
Methyl tert-butyl Ether	< 2.00	ug/L		12/8/2016 17:12
o-Xylene	4.20	ug/L		12/8/2016 17:12
Toluene	< 2.00	ug/L		12/8/2016 17:12
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	108	85.8 - 116		12/8/2016 17:12
4-Bromofluorobenzene	99.8	80.6 - 114		12/8/2016 17:12
Pentafluorobenzene	104	89.6 - 112		12/8/2016 17:12
Toluene-D8	101	89.6 - 109		12/8/2016 17:12

Method Reference(s): EPA 624
Data File: x37660.D

Client: **Matrix Environmental**

Project Reference: COR-1200 E. Main, 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 165298-02

Date Sampled: 12/7/2016

Matrix: Groundwater

Date Received: 12/7/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		12/8/2016 18:37
Acenaphthylene	< 10.0	ug/L		12/8/2016 18:37
Anthracene	< 10.0	ug/L		12/8/2016 18:37
Benzo (a) anthracene	< 10.0	ug/L		12/8/2016 18:37
Benzo (a) pyrene	< 10.0	ug/L		12/8/2016 18:37
Benzo (b) fluoranthene	< 10.0	ug/L		12/8/2016 18:37
Benzo (g,h,i) perylene	< 10.0	ug/L		12/8/2016 18:37
Benzo (k) fluoranthene	< 10.0	ug/L		12/8/2016 18:37
Chrysene	< 10.0	ug/L		12/8/2016 18:37
Dibenz (a,h) anthracene	< 10.0	ug/L		12/8/2016 18:37
Fluoranthene	< 10.0	ug/L		12/8/2016 18:37
Fluorene	< 10.0	ug/L		12/8/2016 18:37
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		12/8/2016 18:37
Naphthalene	< 10.0	ug/L		12/8/2016 18:37
Phenanthrene	< 10.0	ug/L		12/8/2016 18:37
Pyrene	< 10.0	ug/L		12/8/2016 18:37

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	60.2	42.8 - 105		12/8/2016 18:37
Nitrobenzene-d5	56.6	49.7 - 100		12/8/2016 18:37
Terphenyl-d14	55.2	52.6 - 115		12/8/2016 18:37

 Method Reference(s): EPA 625
 Preparation Date: 12/8/2016
 Data File: B15967.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		12/8/2016 16:49
Ethylbenzene	< 2.00	ug/L		12/8/2016 16:49
m,p-Xylene	7.34	ug/L		12/8/2016 16:49
Methyl tert-butyl Ether	< 2.00	ug/L		12/8/2016 16:49

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Client: Matrix Environmental

Project Reference: COR-1200 E. Main, 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 165298-02

Date Sampled: 12/7/2016

Matrix: Groundwater

Date Received: 12/7/2016

o-Xylene < 2.00 ug/L 12/8/2016 16:49

Toluene < 2.00 ug/L 12/8/2016 16:49

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	103	85.8 - 116		12/8/2016 16:49
4-Bromofluorobenzene	97.4	80.6 - 114		12/8/2016 16:49
Pentafluorobenzene	103	89.6 - 112		12/8/2016 16:49
Toluene-D8	96.7	89.6 - 109		12/8/2016 16:49

Method Reference(s): EPA 624
Data File: x37659.D



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

CHAIN OF CUSTODY

1 of 2



PROJECT REFERENCE
 COR-1200 E. Main
 12-041

REPORT TO:
 CLIENT: Matrix Earth Tech
 ADDRESS:
 CITY: STATE: ZIP
 PHONE: 716-662-0745
 ATTN: Steve Marchetti

INVOICE TO:
 CLIENT: Same
 ADDRESS:
 CITY: STATE: ZIP
 PHONE:
 ATTN:

REQUESTED ANALYSIS
 WA - Water
 AQ - Aqueous Liquid
 MQ - Non-Aqueous Liquid
 WG - Groundwater
 DW - Drinking Water
 WW - Wastewater
 SO - Soil
 SL - Sludge
 SD - Solid
 PT - Paint
 WP - Wipe
 CK - Caulk
 OL - Oil
 AR - Air

LAB PROJECT ID
 165298
Quotation #:
 Email:

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MATERIALS	NON HAZARDOUS	ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
12-7	8:45		X	Pre-strippen	GW 2	X	EPA 624 BTEX, MTBE		01
12-7	8:50		X	Post-strippen	GW 3	X	EPA 625 PAHs		02

Turnaround Time
 Availability contingent upon lab approval; additional fees may apply.

Report Supplements

Standard 5 day None Required
 10 day Batch QC
 Rush 3 day Category A
 Rush 2 day Category B
 Rush 1 day
 Other Other EDD
 please indicate date needed: _____ please indicate EDD needed: _____

Sampled By: David Spinradon 12-7-16 9:00
Date/Time: 12-7-16 9:00
Total Cost: _____

Relinquished By: [Signature] 12-7-16 11:59
Date/Time: 12-7-16 11:59

Received By: [Signature] 12-7-16 14:09
Date/Time: 12-7-16 14:09
P.I.F.: _____

Received @ Lab By: [Signature] 12-17-16 12:13
Date/Time: 12-17-16 12:13

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



2 of 2

Chain of Custody Supplement

Client: Matrix Environmental Completed by: Glenn Pezzulo
 Lab Project ID: 165298 Date: 12/7/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> SVOA 625	<input type="checkbox"/>	<input type="checkbox"/>
Comments	VOA 624: Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	12°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		

December 21, 2016

Mr. Steve Marchetti
Matrix Environmental Technologies, Inc.
PO Box 427
Orchard Park, NY 14127


RE: Project: 12-041 Bergmann-1200 E. Main
Pace Project No.: 10372487

Dear Mr. Marchetti:

Enclosed are the analytical results for sample(s) received by the laboratory on December 08, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Nathan Boberg
nathan.boberg@pacelabs.com
Project Manager

Enclosures



aPPENDIX 6

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 12-041 Bergmann-1200 E. Main

Pace Project No.: 10372487

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

Alaska Certification UST-107

525 N 8th Street, Salina, KS 67401

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 12-041 Bergmann-1200 E. Main
Pace Project No.: 10372487

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10372487001	Influent	Air	12/07/16 10:00	12/08/16 10:00
10372487002	Effluent	Air	12/07/16 10:10	12/08/16 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 12-041 Bergmann-1200 E. Main
Pace Project No.: 10372487

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10372487001	Influent	TO-3 Air	RTP	6
10372487002	Effluent	TO-3 Air	RTP	6

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12-041 Bergmann-1200 E. Main

Pace Project No.: 10372487

Sample: Influent		Lab ID: 10372487001	Collected: 12/07/16 10:00	Received: 12/08/16 10:00	Matrix: Air				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air							
Benzene	ND	ppmv	0.25	1		12/12/16 10:30	71-43-2		
Ethylbenzene	ND	ppmv	0.25	1		12/12/16 10:30	100-41-4		
Methyl-tert-butyl ether	ND	ppmv	0.25	1		12/12/16 10:30	1634-04-4	1M	
Toluene	ND	ppmv	0.25	1		12/12/16 10:30	108-88-3		
m&p-Xylene	ND	ppmv	0.50	1		12/12/16 10:30	179601-23-1		
o-Xylene	ND	ppmv	0.25	1		12/12/16 10:30	95-47-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12-041 Bergmann-1200 E. Main

Pace Project No.: 10372487

Sample: Effluent		Lab ID: 10372487002	Collected: 12/07/16 10:10	Received: 12/08/16 10:00	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	ND	ppmv	0.25	1		12/12/16 10:47	71-43-2	
Ethylbenzene	ND	ppmv	0.25	1		12/12/16 10:47	100-41-4	
Methyl-tert-butyl ether	ND	ppmv	0.25	1		12/12/16 10:47	1634-04-4	1M
Toluene	ND	ppmv	0.25	1		12/12/16 10:47	108-88-3	
m&p-Xylene	ND	ppmv	0.50	1		12/12/16 10:47	179601-23-1	
o-Xylene	ND	ppmv	0.25	1		12/12/16 10:47	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 12-041 Bergmann-1200 E. Main
Pace Project No.: 10372487

QC Batch: 451111 Analysis Method: TO-3 Air
QC Batch Method: TO-3 Air Analysis Description: TO3 GCV AIR BTEX BAG
Associated Lab Samples: 10372487001, 10372487002

METHOD BLANK: 2470014 Matrix: Air
Associated Lab Samples: 10372487001, 10372487002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ppmv	ND	0.25	12/12/16 08:45	
Ethylbenzene	ppmv	ND	0.25	12/12/16 08:45	
m&p-Xylene	ppmv	ND	0.50	12/12/16 08:45	
Methyl-tert-butyl ether	ppmv	ND	0.25	12/12/16 08:45	
o-Xylene	ppmv	ND	0.25	12/12/16 08:45	
Toluene	ppmv	ND	0.25	12/12/16 08:45	
a,a,a-Trifluorotoluene (S)	%	85	30-150	12/12/16 08:45	

LABORATORY CONTROL SAMPLE & LCSD: 2470015

Parameter	Units	2470016								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzene	ppmv	2.5	2.4	2.4	97	97	70-130	0	30	
Ethylbenzene	ppmv	2.5	2.7	2.9	109	115	70-130	5	30	
m&p-Xylene	ppmv	5	5.6	5.9	111	117	70-130	5	30	
Methyl-tert-butyl ether	ppmv	2.5	2.1	2.0	84	81	70-130	3	30	
o-Xylene	ppmv	2.5	2.8	3.0	112	119	70-130	6	30	
Toluene	ppmv	2.5	2.1	2.1	85	86	70-130	1	30	
a,a,a-Trifluorotoluene (S)	%				86	89	30-150			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 12-041 Bergmann-1200 E. Main

Pace Project No.: 10372487

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1M Reanalysis conducted in excess of 48 hours from collection. Results confirm original analysis performed in hold time.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 12-041 Bergmann-1200 E. Main

Pace Project No.: 10372487

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10372487001	Influent	TO-3 Air	451111		
10372487002	Effluent	TO-3 Air	451111		

REPORT OF LABORATORY ANALYSIS

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10372487



AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <i>Matrix Earth Tech</i> Address: _____ Email To: _____ Phone: <i>76-662-445</i> Requested Due Date/TAT: _____		Section B Required Project Information: Report To: <i>Steve Marchetti</i> Copy To: _____ Purchase Order No.: <i>197</i> Project Name: <i>Bergman - 1200 E. Main</i> Project Number: <i>12-041</i>		Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ PACE Quote Reference: _____ PACE Project Manager/Sales Rep: _____ PACE Profile #: _____		Page: <i>1</i> of <i>1</i>							
Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE <i>Influent</i> <i>Effluent</i>		Valid Media Codes MEDIA CODE Tedlar Bag TB 1 Liter Summa Can 1LC 6 Liter Summa Can 6LC Low Volume Puff LVP High Volume Puff HVP Other PM10		COLLECTED PID Reading (Client only) MEDIA CODE <i>HR</i> <i>AR</i> DATE TIME <i>12-7 10:00</i> <i>12-7 10:10</i>		Summa Can Number Flow Control Number Canister Pressure (Initial Field - psig) Canister Pressure (Final Field - psig)		Method: PM10 3C Fixed Gas (%) TO-3 FMTBE TO-3M (Methane) TO-4 (PQS) TO-13 (PAH) TO-14 TO-15 TO-15 Short List PACE Lab ID <i>001</i> <i>002</i>					
REINQUISHED BY / AFFILIATION <i>Steve Marchetti - Matrix</i>		DATE <i>12-7-16</i>		TIME <i>16:00</i>		ACCEPTED BY / AFFILIATION <i>David Kneishedy</i>		DATE <i>12-8-16</i>		TIME <i>10:00</i>		SAMPLE CONDITIONS Received on Ice Y/N Custody Sealed Cooler Y/N Samples Intact Y/N	
Comments: <i>Please report results in ug/m³</i>													
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: _____ SIGNATURE of SAMPLER: <i>David Kneishedy</i> (DATE Signed (MM/YY))													

Air Sample Condition Upon Receipt

Client Name: Matrix Enviro.

Project #:

WO#: 10372487

 10372487

Courier: Fed Ex UPS Speedee Client
 Commercial Pace Other: _____

Tracking Number: 8053 1602 7328

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No Optional: Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used: B88A912167504 B88A0143310098 151401163 151401164
 Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 12/9/16

Type of ice received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>TUBAG</u>
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: Air Can <u>Airbag</u> Filter TDT Passive		11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No
 Person Contacted: _____ Date/Time: _____
 Comments/Resolution: _____

Project Manager Review: [Signature] Date: 12/9/16
 Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10372487
 Project Name: 12-041 Bergmann-1200 E. Main

Lab Sample No: 10372487001 ProjSampleNum: 10372487001 Date Collected: 12/07/16 10:00
 Client Sample ID: Influent Matrix: Air Date Received: 12/08/16 10:00

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-3 Air							
Benzene	ND	ug/m3	812	1	12/12/16 10:30 RTP	71-43-2	
Ethylbenzene	ND	ug/m3	1100	1	12/12/16 10:30 RTP	100-41-4	
m&p-Xylene	ND	ug/m3	2210	1	12/12/16 10:30 RTP	179601-23-1	
Methyl-tert-butyl ether	ND	ug/m3	916	1	12/12/16 10:30 RTP	1634-04-4	1M
o-Xylene	ND	ug/m3	1100	1	12/12/16 10:30 RTP	95-47-6	
Toluene	ND	ug/m3	958	1	12/12/16 10:30 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
 Units Conversion Request



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10372487
 Project Name: 12-041 Bergmann-1200 E. Main

Lab Sample No: 10372487002 ProjSampleNum: 10372487002 Date Collected: 12/07/16 10:10
 Client Sample ID: Effluent Matrix: Air Date Received: 12/08/16 10:00

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-3 Air							
Benzene	ND	ug/m3	812	1	12/12/16 10:47 RTP	71-43-2	
Ethylbenzene	ND	ug/m3	1100	1	12/12/16 10:47 RTP	100-41-4	
m&p-Xylene	ND	ug/m3	2210	1	12/12/16 10:47 RTP	179601-23-1	
Methyl-tert-butyl ether	ND	ug/m3	916	1	12/12/16 10:47 RTP	1634-04-4	1M
o-Xylene	ND	ug/m3	1100	1	12/12/16 10:47 RTP	95-47-6	
Toluene	ND	ug/m3	958	1	12/12/16 10:47 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
 Units Conversion Request



Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
Phone: (716)662-0745

Lab Project Number: 10372487
Project Name: 12-041 Bergmann-1200 E. Main

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

[1M] Reanalysis conducted in excess of 48 hours from collection. Results confirm original analysis performed in hold time.

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 12/21/2016

Page 3

September 28, 2016

Ms. Jane Forbes
City of Rochester – Division of Environmental Quality
30 Church Street Room 300B
Rochester, NY 14614

Re: Remediation System Status Report; September 2016
1200 East Main Street
City of Rochester
Monroe County, New York
Brownfield Project B-00129-8
Matrix Project #12-041

Ms. Forbes:

Enclosed please find the Remediation System Status Report for the above-referenced site. This report includes a summary of field activities and system data collected in September 2016.

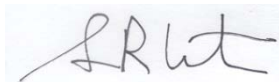
To date, a total of 67.44 pounds of BTEX have been recovered through venting and 0.23 pounds of BTEX have been recovered through pumping. Similar to recent months, there was negligible additional recovery through pumping in September. However, the rate of recovery via venting remains high and as a result, groundwater VOC concentrations in the monitoring wells have declined significantly. For further details, refer to the attached Quarterly Monitoring Report prepared by Bergmann Associates.

Should you have any questions or require any additional information, please contact METI at 716-662-0745.

Sincerely,
Matrix Environmental Technologies Inc.



Christine Curtis
Project Engineer



Sean R. Carter, P.E.
Principal Engineer

Enclosure

cc: Mr. Stephen DeMeo – Bergmann Associates
Ms. Erin MaGee – Monroe County Pure Waters

REMEDIATION SYSTEM STATUS REPORT

September 2016

1200 East Main Street
City of Rochester
Brownfield Project B-00129-8

GROUNDWATER REMEDIATION INFORMATION:

Remediation System – Vacuum Enhanced Groundwater Extraction

System activation date: May 23, 2016

VEGE well specifications: EX-1 through EX-9: 4-inch ID PVC with 10 feet of 0.020-inch slot screen, total depths range from 21.5 to 24.0 feet below grade.

Extraction equipment specs: 3 hp GAST XP regenerative blower, 9 pneumatic pumps (AP4+, QED) and air compressor (5 HP Kaesar rotary screw)

Method of groundwater treatment: Oil water separator, 50 GPM low profile air stripper (QED EZ-Tray 4.4S)

Method of air treatment: 2 carbon vessels (275 lbs. each)

VEGE TREATMENT SYSTEM PERFORMANCE DATA

Groundwater Discharge: Treatment via air stripping

Discharge Point: Sanitary sewer

Discharge Limit: Summation of all BTEX and PAH compounds reported greater than 10 µg/l shall not exceed 2.13 mg/L

Effluent analytical results: All samples below limits (see attached Table 3)

Air Discharge #1: Air stripper effluent discharge

Discharge Point: PVC stack at 15 feet above grade

Discharge Limit: 968.75 µg/L influent benzene at 10 GPM or less

Influent analytical results: All samples below limits (see attached Table 3)

Air Discharge #2: Effluent from carbon vessels

Discharge Point: PVC stack at 15 feet above grade

Benzene Discharge Limit: 4.94×10^{-3} lbs./hr

Results: All samples below limits (see attached Table 5)

VEGE Treatment System Performance Data Summary

	September-16
Active Recovery Wells (pumping)	EX-1 – EX-9
Operation efficiency (% running time)	100%
Average pumping rate (gallons per minute)	0.23
Treated groundwater discharged per month (gallons)	17,953
Treated groundwater discharged to date (gallons)	79,463
Estimated hydrocarbons recovered per month (pounds)	0.004
Estimated hydrocarbons recovered to date (pounds)	0.23

	EX-1 – EX-9
Active Recovery Wells (venting)	EX-1 – EX-9
Operation efficiency (% running time)	100%
Average effluent air flow rate (standard cubic feet per minute)	137
Average applied vacuum (inches H ₂ O)	38.5
Benzene effluent concentration from air sample analysis (µg/m ³)	0
Effluent Benzene loading rate (pounds per hour)	0
BTEX loading rate (pounds per hour)	6.41×10^{-4}
Estimated BTEX recovered per month (pounds)	16.07
Estimated BTEX recovered to date (pounds)	67.44

VEGE SYSTEM DESCRIPTION & PERFORMANCE

The VEGE system extracts hydrocarbon vapor, groundwater, and LNAPL from nine recovery wells (EX-1 through EX-9). The recovery wells are each equipped with a pneumatic submersible pump for groundwater/LNAPL extraction and a single surface mounted regenerative blower is used to apply vacuum to the sealed recovery wells. The pumping rate is set to dewater the target zone, which is the upper 10 feet of fractured bedrock. Vacuum is applied to the recovery wells to optimize the extraction of fluids.

The VEGE system was 100% operational in September. To date, a total of 67.44 pounds of BTEX have been recovered through venting and 0.23 pounds of BTEX have been recovered through pumping, the majority of which was recovered in the first week of system operation. There was negligible additional recovery via pumping in September as BTEX concentrations in the air stripper influent declined to 12.6 µg/L. Drought conditions have resulted in very slow groundwater recharge to the bedrock aquifer via precipitation and as a result, liquid flow rates have generally stabilized at low levels. Well yields from the individual extraction wells in September ranged from 0.01 to 0.16 GPM and the total system flow rate ranged from 0.19 to 0.33 GPM, a decrease from previous months. It appears that the majority of the contamination is being recovered through EX-5 and EX-7, as the highest liquid flow rates and the highest

individual leg PID readings are observed in these wells. Similar to previous months, there was negligible liquid recovery from EX-8 in September.

There has been no liquid LNAPL recovery to date. As shown in Table 1, LNAPL has not been detected in any monitoring wells as of July 13, 2016. At startup, 0.03 and 0.07 feet of LNAPL were detected in MW3 and MW4, respectively. Refer to Tables 2-4 for a summary of VEGE system flow rates and contaminant recovery and to Table 5 for a summary of individual leg PID readings from the recovery wells.

Effluent water samples from the treatment system were below laboratory detection limits for all VOC and SVOC compounds in September. The vapor discharge from the air stripper (as calculated by influent water concentrations and system pumping rate) was below the discharge limit for benzene emissions. The vapor system effluent concentrations did not exceed regulatory discharge limits for benzene emissions. Refer to Table 6 for a summary of system water performance sampling results. Laboratory analytical reports are included in Attachment A.

The rate of contaminant recovery via venting remains high as groundwater elevations in the monitoring wells indicate that the water table has been drawn down 1-3 feet across the site. Additional adjustments to pumping and vacuum extraction rates will be considered as future site and system data are evaluated.

SITE ACTIVITIES COMPLETED DURING PERIOD

<u>Date</u>	<u>Activities Completed</u>
9/6/16	System inspection. VEGE system operational upon arrival. Recorded system data and groundwater levels in onsite monitoring wells. Changed carbon in primary and secondary carbon vessels. Collected system water samples and air samples. The water samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625. The air samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method TO-3.
9/22/16	System inspection. VEGE system operational upon arrival. Recorded system data.

FUTURE ACTIVITIES

- Bi-weekly system inspections.
- Monthly water system performance sampling.
- Monthly air system performance sampling.
- VEGE system maintenance and repair as required.
- System optimization including adjustments to pumping rates and vapor extraction operations.

LIST OF ATTACHMENTS

- Table 1: Groundwater Gauging Data and Drawdown
- Table 2: Groundwater Flow Summary
- Table 3: Historical Summary of Groundwater Recovery
- Table 4: Historical Summary of Vapor Recovery
- Table 5: Recovery Well PID Readings
- Table 6: Historical Summary of Groundwater Treatment System Results

- Attachment A: Laboratory Analytical Reports

- Attachment B: Quarterly Monitoring Report – September 2016

TABLES

Table 1

**Groundwater Gauging Data and Drawdown
1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Well ID# and Casing Elevation (ft)	Date	Time	Depth to Product	Depth to Water	Product Thickness	Adjusted Depth to Water	Drawdown
MW1	05/23/2016	baseline	-	17.88	-	17.88	
		1:15 PM	-	21.09	-	21.09	3.21
	05/25/2016		-	21.58	-	21.58	3.70
	06/02/2016		-	21.72	-	21.72	3.84
	07/13/2016		-	21.34	-	21.34	3.46
	09/06/2016		-	20.94	-	20.94	3.06
MW2	05/23/2016	baseline	-	17.52	-	17.52	
		1:15 PM	-	18.06	-	18.06	0.54
	05/25/2016		-	18.54	-	18.54	1.02
	06/02/2016		-	18.19	-	18.19	0.67
	07/13/2016		-	21.40	-	21.40	3.88
	09/06/2016		-	22.71	-	22.71	5.19
MW3	05/23/2016	baseline	13.53	13.56	0.03	13.54	
		1:15 PM	16.66	16.69	0.03	16.67	3.13
	05/25/2016		15.27	15.31	0.04	15.28	1.74
	06/02/2016		15.28	15.32	0.04	15.29	1.75
	07/13/2016		-	15.32	-	15.32	1.78
	09/06/2016		-	18.27	-	18.27	4.73
MW4	05/23/2016	baseline	15.41	15.48	0.07	15.42	
		1:15 PM	16.73	16.75	0.02	16.73	1.31
	05/25/2016		17.52	17.58	0.06	17.53	2.11
	06/02/2016		-	16.59	-	16.59	1.17
	07/13/2016		-	17.42	-	17.42	2.00
	09/06/2016		-	17.36	-	17.36	1.94
MW7R	07/13/2016		-	17.22	-	17.22	
	09/06/2016		-	17.52	-	17.52	0.30

Table 1 (Continued)

**Groundwater Gauging Data and Drawdown
1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Well ID# and Casing Elevation (ft)	Date	Time	Depth to Product	Depth to Water	Product Thickness	Adjusted Depth to Water	Drawdown
MW8	05/23/2016	baseline	-	20.84	-	20.84	
		1:15 PM	-	20.88	-	20.88	0.04
	05/25/2016		-	21.05	-	21.05	0.21
	06/02/2016		-	21.17	-	21.17	0.33
	07/13/2016		-	22.16	-	22.16	1.32
	09/06/2016		-	22.19	-	22.19	1.35
MW9R	07/13/2016		-	18.19	-	18.19	
	09/06/2016		-	17.87	-	17.87	-0.32
MW10	05/23/2016	baseline	-	17.70	-	17.70	
		1:15 PM	-	17.70	-	17.70	0.00
	05/25/2016		-	17.70	-	17.70	0.00
MW11	05/23/2016	baseline	-	17.00	-	17.00	
		1:15 PM	-	17.28	-	17.28	0.28
	05/25/2016		-	17.48	-	17.48	0.48
	06/02/2016		-	17.69	-	17.69	0.69
	07/13/2016		-	18.93	-	18.93	1.93
	09/06/2016		-	19.85	-	19.85	2.85
MW15R	07/13/2016		-	17.66	-	17.66	
	09/06/2016		-	18.24	-	18.24	1.02
MW16	05/23/2016	baseline	-	15.97	-	15.97	
		1:15 PM	-	17.30	-	17.30	1.33
	05/25/2016		-	18.32	-	18.32	2.35
	06/02/2016		-	18.17	-	18.17	2.20
	07/13/2016		-	18.25	-	18.25	2.28
	09/06/2016		-	18.06	-	18.06	2.09

**Table 2
Groundwater Flow Summary**

**1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Date	Time	Total Pulses	Gallons per Pulse	EX-1 Flow Rate (gpm)	EX-2 Flow Rate (gpm)	EX-3 Flow Rate (gpm)	EX-4 Flow Rate (gpm)	EX-5 Flow Rate (gpm)	EX-6 Flow Rate (gpm)	EX-7 Flow Rate (gpm)	EX-8 Flow Rate (gpm)	EX-9 Flow Rate (gpm)
Baseline		0	0									
5/23/2016	9:35	1,345	0.21	0.34	0.26	0.65	0.01	0.76	0.13	0.84	0.08	3.27
5/23/2016	10:30	1,102	0.22	0.20	0.13	0.40	0.00	0.36	0.07	0.29	0.09	2.77
5/23/2016	11:22	1,427	0.13	0.11	0.07	0.25	0.00	0.12	0.03	0.14	1.20	1.71
5/24/2016		20,503	0.20	0.08	0.09	0.21	0.00	0.31	0.04	0.20	0.35	1.54
5/25/2016		17,906	0.21	0.07	0.09	0.15	0.00	0.48	0.03	0.28	0.11	1.39
5/27/2016		29,375	0.21	0.06	0.06	0.11	0.00	0.43	0.03	0.23	0.04	1.17
5/31/2016		43,117	0.21	0.05	0.06	0.07	0.00	0.46	0.03	0.17	0.02	0.73
6/2/2016		17,702	0.21	0.06	0.06	0.06	0.01	0.42	0.03	0.27	0.00	0.36
6/8/2016		53,812	0.21	0.07	0.06	0.06	0.06	0.55	0.03	0.17	0.01	0.30
6/13/2016		17,615	0.22	0.05	0.03	0.06	0.03	0.19	0.02	0.09	0.00	0.09
6/22/2016		31,708	0.22	0.05	0.03	0.06	0.03	0.19	0.02	0.09	0.00	0.09
6/29/2016		16,189	0.18	0.03	0.02	0.03	0.00	0.09	0.01	0.02	0.00	0.08
7/13/2016		53,166	0.17	0.05	0.02	0.04	0.01	0.16	0.01	0.06	0.00	0.08
7/19/2016		25,435	0.15	0.04	0.02	0.03	0.03	0.12	0.01	0.06	0.00	0.11
7/28/2016		36,410	0.13	0.03	0.02	0.02	0.03	0.07	0.01	0.05	0.00	0.12
9/6/2016		81,074	0.12	0.01	0.01	0.01	0.01	0.02	0.00	0.02	0.00	0.08
9/22/2016				NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not Available

**Table 2 (Continued)
Groundwater Flow Summary**

**1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Date	Time	Total Pulses	Gallons per Pulse	System Totalizer (gal)	System Flow Rate (gpm)	Total Well Yield (gpm)	Total Gallons For Period	Cumulative Gallons Pumped to Date	% Operational	Comments
Baseline		0	0	396	0			0		Baseline
5/23/2016	9:35	1,345	0.21	682	6.35	6.35	286	286	100%	System activated
5/23/2016	10:30	1,102	0.22	920	4.33	4.33	238	524	100%	System operational
5/23/2016	11:22	1,427	0.13	1,108	3.63	3.63	189	712	100%	System operational
5/24/2016		20,503	0.20	5,164	2.82	2.82	4,055	4,767	100%	System operational
5/25/2016		17,906	0.21	8,920	2.61	2.61	3,756	8,524	100%	System operational
5/27/2016		29,375	0.21	15,100	2.15	2.15	6,180	14,704	100%	System operational
5/31/2016		43,117	0.21	24,219	1.58	1.58	9,119	23,823	100%	System operational
6/2/2016		17,702	0.21	27,848	1.26	1.26	3,629	27,452	100%	System operational
6/8/2016		53,812	0.21	39,194	1.31	1.31	11,346	38,798	100%	System operational
6/13/2016		17,615	0.22	43,153	0.55	0.55	3,959	42,757	100%	System operational
6/22/2016		31,708	0.22	50,280	0.55	0.82	7,127	49,884	67%	Venting system operational; pumping system not operational due to tripped breaker. Deactivated both systems.
6/29/2016		16,189	0.18	53,116	0.28	0.39	2,836	52,720	71%	System operational (repaired and restarted 6/24/16).
7/13/2016		53,166	0.17	61,906	0.44	0.44	8,791	61,510	100%	System operational
7/19/2016		25,435	0.15	65,609	0.43	0.43	3,703	65,213	100%	System operational
7/28/2016		36,410	0.13	70,399	0.37	0.37	4,789	70,003	100%	System operational
9/6/2016		81,074	0.12	79,859	0.16	0.33	9,460	79,463	50%	System operational. System was shut down 8/11 - 8/31 (20 days) for quarterly sampling.
9/22/2016				84,191	0.19	0.19	4,728	84,191	100%	System operational

NA = Not Available

Table 3

**Historical Summary of Groundwater Recovery
1200 East Main Street
City of Rochester
Monroe County, NY**

EPA Method 624 (BTEX + MTBE)

Date	Air Stripper Influent (BTEX)	Air Stripper Effluent (BTEX)	Gallons Pumped Per Period	Gallons Pumped to Date	BTEX Recovery (lbs.)	BTEX Recovery to Date (lbs.)
5/18/2016	3,952	0.0		0		
5/23/2016	3,689	15.3	712	712	0.02	0.02
5/24/2016	1,028	0.0	4,055	4,767	0.08	0.10
5/25/2016	589	0.0	3,757	8,524	0.03	0.13
6/8/2016	96	0.0	30,274	38,798	0.09	0.21
6/22/2016	111	0.0	11,086	49,884	0.01	0.22
7/13/2016	40.4	0.0	11,626	61,510	0.01	0.23
9/6/2016	12.6	0.0	17,953	79,463	0.004	0.23

NOTES:

All results in units of ug/L unless otherwise noted.

Table 4
Historical Summary of Vapor Recovery
1200 East Main Street
City of Rochester
Monroe County, NY

Date	Time	PID (ppm)			Vac @ header (in H ₂ O)	Flow (cfm)	BTEX (ug/m ³)		Benzene (ug/m ³)		% Operation	BTEX Loading Rate (lbs/hr)	BTEX Recovery (lbs)	BTEX Recovery to Date (lbs)	Effluent Benzene Loading Rate (lbs/hr)
		pre-carbon	mid-carbon	post-carbon			Influent	Effluent	Influent	Effluent					
5/23/2016	8:55	277	0	0											
	9:26	411	252	52											
	10:27	423	29	0											
	11:27	434	46	26											
	13:02	421	58	0	40	135	73,800	62	1,900	0	100%	3.16E-05	0.15	0.15	0.00E+00
5/24/2016		305	251	61	39	136									
5/25/2016		365	0	0	41	133									
5/27/2016		261	0	0	40	135									
5/31/2016		199	3.3	85	42	131									
6/2/2016		180	1.6	11.5	48	119									
6/8/2016		196	163.6	182.6	47	120									
6/13/2016		180	80	40	47	120									
6/22/2016		166	80	31	48	119	99,340	5,800	8,440	3,150	100%	1.39E-03	28.56	28.71	1.49E-03
6/29/2016		132	3.3	0	40	135									
7/13/2016		117	0	25	39	136									
7/19/2016		105	42	23	40	135	57,900	2,500	4,550	2,500	93%	2.10E-03	22.65	51.36	1.27E-03
7/28/2016		97	61	40	39	136									
9/6/2016		220	270	155	38	138	51,150	0	1,980	0	50%	6.41E-04	16.07	67.44	0.00E+00
9/22/2016					37	139									

NOTE: Blank space indicates that data was not collected.

Table 5

**Recovery Well PID Readings (ppm)
1200 East Main Street
City of Rochester
Monroe County, NY**

Date	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	EX-9
5/23/2016	343	312	335	317	327	384	415	310	127
5/24/2016	314	74	216	261	216	256	327	233	176
5/25/2016	302	69	233	242	191	148	407	262	223
6/2/2016	105	57	109	158	127	132	376	165	181
7/13/2016	51	31	54	46	170	122	104	62	29

Table 6

**Historical Summary of Groundwater Treatment System Results (µg/L)
1200 East Main Street
City of Rochester
Monroe County, NY**

EPA Method 624 (BTEX + MTBE)

EPA Method 625 (SVOCs)

VOCs	5/18/2016		5/23/2016		5/24/2016		5/25/2016		6/8/2016		6/16/2016		7/13/2016		9/6/2016	
	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent
Benzene	55.6	<1.00	61.6	<1.00	11.6	<1.00	<10.0	<1.00	3.35	<1.00	1.42	<1.00	<1.00	<1.00	2.01	<1.00
Toluene	310	<2.00	387	<2.00	50.3	<2.00	23.7	<2.00	3.84	<2.00	2.90	<2.00	<2.00	<2.00	<2.00	<2.00
Ethylbenzene	628	<2.00	556	2.03	126	<2.00	59.8	<2.00	2.17	<2.00	11.2	<2.00	2.22	<2.00	2.08	<2.00
m,p-Xylene	2440	<2.00	2200	11.0	706	<2.00	419	<2.00	61.4	<2.00	76.9	<2.00	33.4	<2.00	8.52	<2.00
o-Xylene	518	<2.00	484	2.22	134	<2.00	86.8	<2.00	25.1	<2.00	18.5	<2.00	4.76	<2.00	<2.00	<2.00
Total BTEX	3,952	ND	3,689	15.3	1,028	ND	589	ND	95.9	ND	110.9	ND	40.4	ND	12.61	ND

MTBE	<20.0	<2.00	<20.0	<2.00	<20.0	<2.00	<20.0	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
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SVOCs	5/18/2016		5/23/2016		5/24/2016		5/25/2016		6/8/2016		6/16/2016		7/13/2016		9/6/2016	
	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent
Anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Acenaphthylene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Acenaphthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(a)anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(a)pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(b)fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(g,h,i)perylene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(k)fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Chrysene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Dibenz(a,h)anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Fluorene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Indeno(1,2,3-cd)pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Naphthalene	NA	<10.0	NA	28.6	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Phenanthrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Total SVOCs	NA	ND	NA	28.6	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND

Total VOCs + SVOCs	NA	ND	NA	43.85	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND
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NOTES:

All results in units of ug/L unless otherwise noted.

NA = Not Analyzed

APPENDIX A
LABORATORY ANALYTICAL REPORTS

July 15, 2016

Mr. Steve Marchetti
Matrix Environmental Technologies, Inc.
PO Box 427
Orchard Park, NY 14127

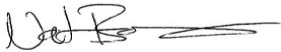
RE: Project: 12-041 Bengmann-1200 E. Main S
Pace Project No.: 10355432

Dear Mr. Marchetti:

Enclosed are the analytical results for sample(s) received by the laboratory on July 14, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Nathan Boberg
nathan.boberg@pacelabs.com
Project Manager

Enclosures



aPPENDIX 6

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 12-041 Bengmann-1200 E. Main S
Pace Project No.: 10355432

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
525 N 8th Street, Salina, KS 67401
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10355432001	Influent	Air	07/13/16 10:20	07/14/16 09:25
10355432002	Effluent	Air	07/13/16 10:30	07/14/16 09:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10355432001	Influent	TO-3 Air	RTP	5
10355432002	Effluent	TO-3 Air	RTP	5

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

Sample: Influent		Lab ID: 10355432001	Collected: 07/13/16 10:20	Received: 07/14/16 09:25	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	1.4	ppmv	0.50	5		07/15/16 11:28	71-43-2	
Ethylbenzene	1.1	ppmv	0.50	5		07/15/16 11:28	100-41-4	
Toluene	5.4	ppmv	0.50	5		07/15/16 11:28	108-88-3	
m&p-Xylene	4.4	ppmv	1.0	5		07/15/16 11:28	179601-23-1	
o-Xylene	1.9	ppmv	0.50	5		07/15/16 11:28	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

Sample: Effluent	Lab ID: 10355432002	Collected: 07/13/16 10:30		Received: 07/14/16 09:25		Matrix: Air		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	0.77	ppmv	0.20	2		07/15/16 11:12	71-43-2	
Ethylbenzene	ND	ppmv	0.20	2		07/15/16 11:12	100-41-4	
Toluene	ND	ppmv	0.20	2		07/15/16 11:12	108-88-3	
m&p-Xylene	ND	ppmv	0.40	2		07/15/16 11:12	179601-23-1	
o-Xylene	ND	ppmv	0.20	2		07/15/16 11:12	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

QC Batch: 425541 Analysis Method: TO-3 Air
 QC Batch Method: TO-3 Air Analysis Description: TO3 GCV AIR BTEX BAG
 Associated Lab Samples: 10355432001, 10355432002

METHOD BLANK: 2317504 Matrix: Air

Associated Lab Samples: 10355432001, 10355432002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ppmv	ND	0.10	07/15/16 07:26	
Ethylbenzene	ppmv	ND	0.10	07/15/16 07:26	
m&p-Xylene	ppmv	ND	0.20	07/15/16 07:26	
o-Xylene	ppmv	ND	0.10	07/15/16 07:26	
Toluene	ppmv	ND	0.10	07/15/16 07:26	
a,a,a-Trifluorotoluene (S)	%	93	30-150	07/15/16 07:26	

LABORATORY CONTROL SAMPLE & LCSD: 2317505

Parameter	Units	2317506							RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits				
Benzene	ppmv	1	0.98	0.97	98	97	70-130	1	30		
Ethylbenzene	ppmv	1	0.95	0.94	95	94	70-130	2	30		
m&p-Xylene	ppmv	2	1.9	1.8	94	92	70-130	2	30		
o-Xylene	ppmv	1	1.0	1.0	101	100	70-130	0	30		
Toluene	ppmv	1	0.96	0.94	96	94	70-130	2	30		
a,a,a-Trifluorotoluene (S)	%				88	102	30-150				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 12-041 Bengmann-1200 E. Main S

Pace Project No.: 10355432

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10355432001	Influent	TO-3 Air	425541		
10355432002	Effluent	TO-3 Air	425541		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10355432

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:	Page: <u>1</u> of <u>1</u>
Company: <u>Matrix Env'tl. Tech.</u>	Report To: <u>Steve Marchetti</u>	Attention:	1818806
Address:	Copy To:	Company Name:	REGULATORY AGENCY
		Address:	<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER
Email To: <u>smarchetti@matrixbiotech.com</u>	Purchase Order No.: <u>115</u>	Pace Quote Reference:	<input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER _____
Phone: <u>76-662-0745</u> Fax:	Project Name: <u>Bergmann - 1200 E. Main St.</u>	Pace Project Manager:	Site Location STATE: <u>NY</u>
Requested Due Date/TAT:	Project Number: <u>12-041</u>	Pace Profile #:	

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analysis Test ↓	Y/N	Residual Chlorine (Y/N)	Requested Analysis Filtered (Y/N)		
				COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃					Methanol	Other
				DATE	TIME	DATE	TIME														
				Pace Project No./ Lab I.D.																	
1	<u>Influent</u>	<u>AA6</u>			<u>7-13</u>	<u>10:20</u>	<u>1</u>	<u>X</u>							<u>X</u>	<u>X</u>				<u>001</u>	
2	<u>Effluent</u>				<u>7-13</u>	<u>10:30</u>	<u>1</u>	<u>X</u>							<u>X</u>	<u>X</u>				<u>002</u>	
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<u>Please Report Results in</u> <u>µg/m³</u>	<u>David Kreinheden - Matrix</u>	<u>7-13-16</u>	<u>14:00</u>	<u>[Signature]</u>	<u>7-14-16</u>	<u>09:25</u>	<u>AMS</u>	<u>N</u>	<u>N</u>	<u>Y</u>

ORIGINAL	SAMPLER NAME AND SIGNATURE			
	PRINT Name of SAMPLER: <u>David Kreinheden</u>			
	SIGNATURE of SAMPLER: <u>[Signature]</u>			DATE Signed (MM/DD/YY): <u>7-13-16</u>
	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



Air Sample Condition Upon Receipt

Client Name: Matrix Equio Project #: _____

WO#: 10355432

10355432

Courier: Fed Ex UPS Speedee Client
 Commercial Pace Other: _____

Tracking Number: 1Z F04 841 01 9451 4410

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Optional: Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used: B88A912167504 151401163
 B88A0143310098 151401164

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 7/14/16
 Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>T-BAG</u>
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: Air Can <u>Airbag</u> Filter TDT Passive		11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:

Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Walter Berg Date: 7/14/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10361529
 Project Name: 12-041 Bergmann-1200 E. Main S

Lab Sample No: 10361529001 ProjSampleNum: 10361529001 Date Collected: 09/06/16 14:00
 Client Sample ID: Influent Matrix: Air Date Received: 09/07/16 9:40

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
------------	---------	-------	--------------	----	----------	---------	------------

Air

TO-3 Air

Benzene	1980	ug/m3	1140	3.48	09/13/16 13:17 RTP	71-43-2	
Ethylbenzene	2910	ug/m3	1540	3.48	09/13/16 13:17 RTP	100-41-4	
m&p-Xylene	18500	ug/m3	3090	3.48	09/13/16 13:17 RTP	179601-23-1	
Methyl-tert-butyl ether	ND	ug/m3	1280	3.48	09/13/16 13:17 RTP	1634-04-4	A4
o-Xylene	7060	ug/m3	1540	3.48	09/13/16 13:17 RTP	95-47-6	
Toluene	20700	ug/m3	1340	3.48	09/13/16 13:17 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10361529
 Project Name: 12-041 Bergmann-1200 E. Main S

Lab Sample No: 10361529002 ProjSampleNum: 10361529002 Date Collected: 09/06/16 14:05
 Client Sample ID: Effluent Matrix: Air Date Received: 09/07/16 9:40

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-3 Air							
Benzene	ND	ug/m3	812	2.52	09/13/16 10:02 RTP	71-43-2	
Ethylbenzene	ND	ug/m3	1100	2.52	09/13/16 10:02 RTP	100-41-4	
m&p-Xylene	ND	ug/m3	2210	2.52	09/13/16 10:02 RTP	179601-23-1	
Methyl-tert-butyl ether	ND	ug/m3	916	2.52	09/13/16 10:02 RTP	1634-04-4	A4
o-Xylene	ND	ug/m3	1100	2.52	09/13/16 10:02 RTP	95-47-6	
Toluene	ND	ug/m3	958	2.52	09/13/16 10:02 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
 Units Conversion Request



Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
Phone: (716)662-0745

Lab Project Number: 10361529
Project Name: 12-041 Bergmann-1200 E. Main S

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

[A4] Sample was transferred from a sampling bag into a Summa Canister within 48 hours of collection.

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 9/19/2016

Page 3



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

163847

Referencing

COR-1200 E. Main 12-041

Prepared

Monday, September 12, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, appearing to be "M. [unclear]", is written over a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958 • PADEP ID# 68-02351

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Monday, September 12, 2016

Page 1 of 8



Client: Matrix Environmental

Project Reference: COR-1200 E. Main 12-041

Sample Identifier: Pre-Stripper

Lab Sample ID: 163847-01

Date Sampled: 9/6/2016

Matrix: Groundwater

Date Received: 9/6/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	2.01	ug/L		9/9/2016 06:32
Ethylbenzene	2.08	ug/L		9/9/2016 06:32
m,p-Xylene	8.52	ug/L		9/9/2016 06:32
Methyl tert-butyl Ether	< 2.00	ug/L		9/9/2016 06:32
o-Xylene	< 2.00	ug/L		9/9/2016 06:32
Toluene	< 2.00	ug/L		9/9/2016 06:32

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	108	86 - 116		9/9/2016 06:32
4-Bromofluorobenzene	98.0	82.2 - 113		9/9/2016 06:32
Pentafluorobenzene	96.7	90.9 - 110		9/9/2016 06:32
Toluene-D8	99.1	90.8 - 109		9/9/2016 06:32

Method Reference(s): EPA 624
Data File: x35212.D



Client: Matrix Environmental

Project Reference: COR-1200 E. Main 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 163847-02

Date Sampled: 9/6/2016

Matrix: Groundwater

Date Received: 9/6/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		9/8/2016 09:09
Acenaphthylene	< 10.0	ug/L		9/8/2016 09:09
Anthracene	< 10.0	ug/L		9/8/2016 09:09
Benzo (a) anthracene	< 10.0	ug/L		9/8/2016 09:09
Benzo (a) pyrene	< 10.0	ug/L		9/8/2016 09:09
Benzo (b) fluoranthene	< 10.0	ug/L		9/8/2016 09:09
Benzo (g,h,i) perylene	< 10.0	ug/L		9/8/2016 09:09
Benzo (k) fluoranthene	< 10.0	ug/L		9/8/2016 09:09
Chrysene	< 10.0	ug/L		9/8/2016 09:09
Dibenz (a,h) anthracene	< 10.0	ug/L		9/8/2016 09:09
Fluoranthene	< 10.0	ug/L		9/8/2016 09:09
Fluorene	< 10.0	ug/L		9/8/2016 09:09
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		9/8/2016 09:09
Naphthalene	< 10.0	ug/L		9/8/2016 09:09
Phenanthrene	< 10.0	ug/L		9/8/2016 09:09
Pyrene	< 10.0	ug/L		9/8/2016 09:09

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	64.0	41.5 - 97.8		9/8/2016 09:09
Nitrobenzene-d5	56.9	48 - 97.5		9/8/2016 09:09
Terphenyl-d14	59.1	55.2 - 109		9/8/2016 09:09

Method Reference(s): EPA 625
Preparation Date: 9/7/2016
Data File: B13928.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		9/9/2016 06:09
Ethylbenzene	< 2.00	ug/L		9/9/2016 06:09
m,p-Xylene	< 2.00	ug/L		9/9/2016 06:09
Methyl tert-butyl Ether	< 2.00	ug/L		9/9/2016 06:09

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Client: Matrix Environmental

Project Reference: COR-1200 E. Main 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 163847-02

Date Sampled: 9/6/2016

Matrix: Groundwater

Date Received: 9/6/2016

o-Xylene < 2.00 ug/L 9/9/2016 06:09

Toluene < 2.00 ug/L 9/9/2016 06:09

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	113	86 - 116		9/9/2016 06:09
4-Bromofluorobenzene	96.0	82.2 - 113		9/9/2016 06:09
Pentafluorobenzene	96.9	90.9 - 110		9/9/2016 06:09
Toluene-D8	97.7	90.8 - 109		9/9/2016 06:09

Method Reference(s): EPA 624
Data File: x35211.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

***" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

CHAIN OF CUSTODY

163547

162



PROJECT REFERENCE
 CAR-1200 E Main
 12-041

REPORT TO:		INVOICE TO:	
CLIENT: Matrix Env't, Tech.	CLIENT: Same	LAB PROJECT ID	163547
ADDRESS:	ADDRESS:	Quotation #:	163547
CITY:	CITY:	STATE:	STATE:
STATE:	STATE:	ZIP:	ZIP:
ZIP:	ZIP:	EMAIL:	

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GARAB	SAMPLE IDENTIFIER	WA - Water	DW - Drinking Water	SO - Soil	SD - Solid	WP - Wipe	OL - Oil
9-6-16	13:40	X	X	Pre-shipped	WG	X	X	X	X	01
9-6-16	13:45	X	X	Post-shipped	WG	X	X	X	X	02

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day	None Required
10 day	Batch QC
Rush 3 day	Category A
Rush 2 day	Category B
Rush 1 day	Other

Received By: David Kruehner Date/Time: 9-6-16 14:00

Received By: [Signature] Date/Time: 9-6-16 14:23

Received By: [Signature] Date/Time: 9-6-16 14:23

Received @ Lab By: [Signature] Date/Time: 9-6-16 14:42

Total Cost:

P.L.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse). See additional page for sample conditions.

2012



Chain of Custody Supplement

Client: Matus Completed by: Molyvail
 Lab Project ID: 163847 Date: 9/6/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> SVOA	<input type="checkbox"/>	<input type="checkbox"/>
Comments	VOA: Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	33°C 9/6/16 1440		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			

APPENDIX B
QUARTERLY MONITORING REPORT
SEPTEMBER 2016

September 28, 2016

Ms. Jane Forbes
City of Rochester – Division of Environmental Quality
30 Church Street Room 300B
Rochester, NY 14614

Re: Remediation System Status Report; May-August 2016
1200 East Main Street
City of Rochester
Monroe County, New York
Brownfield Project B-00129-8
Matrix Project #12-041

Ms. Forbes:

Enclosed please find the Remediation System Status Report for the above-referenced site. This report includes a summary of field activities and system data collected from startup on May 23 through August 31, 2016.

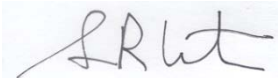
To date, a total of 51.4 pounds of BTEX have been recovered through venting and 0.23 pounds of BTEX have been recovered through pumping. Groundwater VOC concentrations in the monitoring wells in August ranged from non-detect in MW-16 to 519.4 µg/L in MW-4, a significant reduction from pre-remediation levels. Additional details will be included in the 3rd Quarter Monitoring Report submitted by Bergmann Associates.

Monthly Status Reports will follow with the next submittal for September 2016. Should you have any questions or require any additional information, please contact METI at 716-662-0745.

Sincerely,
Matrix Environmental Technologies Inc.



Christine Curtis
Project Engineer



Sean R. Carter, P.E.
Principal Engineer

Enclosure

cc: Mr. Stephen DeMeo – Bergmann Associates
Ms. Erin MaGee – Monroe County Pure Waters

REMEDIATION SYSTEM STATUS REPORT

May - August 2016

1200 East Main Street
City of Rochester
Brownfield Project B-00129-8

GROUNDWATER REMEDIATION INFORMATION:

Remediation System – Vacuum Enhanced Groundwater Extraction

System activation date: May 23, 2016

VEGE well specifications: EX-1 through EX-9: 4-inch ID PVC with 10 feet of 0.020-inch slot screen, total depths range from 21.5 to 24.0 feet below grade.

Extraction equipment specs: 3 hp GAST XP regenerative blower, 9 pneumatic pumps (AP4+, QED) and air compressor (5 HP Kaesar rotary screw)

Method of groundwater treatment: Oil water separator, 50 GPM low profile air stripper (QED EZ-Tray 4.4S)

Method of air treatment: 2 carbon vessels (275 lbs. each)

VEGE TREATMENT SYSTEM PERFORMANCE DATA

Groundwater Discharge: Treatment via air stripping
Discharge Point: Sanitary sewer
Discharge Limit: Summation of all BTEX and PAH compounds reported greater than 10 µg/l shall not exceed 2.13 mg/L
Effluent analytical results: All samples below limits (see attached Table 3)

Air Discharge #1: Air stripper effluent discharge
Discharge Point: PVC stack at 15 feet above grade
Discharge Limit: 968.75 µg/L influent benzene at 10 GPM or less
Influent analytical results: All samples below limits (see attached Table 3)

Air Discharge #2: Effluent from carbon vessels
Discharge Point: PVC stack at 15 feet above grade
Benzene Discharge Limit: 4.94×10^{-3} lbs./hr
Results: All samples below limits (see attached Table 5)

VEGE Treatment System Performance Data Summary

	May-16	June-16	July-16	August-16
Active Recovery Wells (pumping)	EX-1 – EX-9	EX-1 – EX-9	EX-1 – EX-9	EX-1 – EX-9
Operation efficiency (% running time)	100%	89%	91%	35%
Average pumping rate (gallons per minute)	2.96	1.03	0.67	-
Treated groundwater discharged per month (gallons)	8,524	41,360	11,626	-
Treated groundwater discharged to date (gallons)	8,524	49,884	61,510	-
Estimated hydrocarbons recovered per month (pounds)	0.13	0.10	0.01	-
Estimated hydrocarbons recovered to date (pounds)	0.13	0.22	0.23	-

	EX-1 – EX-9	EX-1 – EX-9	EX-1 – EX-9	EX-1 – EX-9
Active Recovery Wells (venting)	EX-1 – EX-9	EX-1 – EX-9	EX-1 – EX-9	EX-1 – EX-9
Operation efficiency (% running time)	100%	100%	93%	35%
Average effluent air flow rate (standard cubic feet per minute)	135	127	135	-
Average applied vacuum (inches H2O)	40.0	44.0	39.7	-
Benzene effluent concentration from air sample analysis (µg/m3)	0	3,150	2,500	-
Effluent Benzene loading rate (pounds per hour)	0	1.49×10^{-3}	1.27×10^{-3}	-
BTEX loading rate (pounds per hour)	3.16×10^{-5}	1.39×10^{-3}	2.10×10^{-3}	-
Estimated BTEX recovered per month (pounds)	0.15	28.56	22.65	-
Estimated BTEX recovered to date (pounds)	0.15	28.71	51.36	-

Note: System data and performance samples were not collected in August due to system deactivation prior to quarterly sampling event.

VEGE SYSTEM DESCRIPTION & PERFORMANCE

The VEGE system extracts hydrocarbon vapor, groundwater, and LNAPL from nine recovery wells (EX-1 through EX-9). The recovery wells are each equipped with a pneumatic submersible pump for groundwater/LNAPL extraction and a single surface mounted regenerative blower is used to apply vacuum to the sealed recovery wells. The pumping rate is set to dewater the target zone, which is the upper 10 feet of fractured bedrock. Vacuum is applied to the recovery wells to optimize the extraction of fluids.

Since the VEGE system was activated on May 23, 2016, the system has been 100% operational with the exception of a five-day period at the end of June due to electrical issues with the pumping system equipment. The system was deactivated from August 11-31 to allow groundwater levels to rise to static conditions prior to the quarterly sampling event. As shown in Table 1, LNAPL has not been detected in any monitoring wells as of July 13, 2016. At startup, 0.03 and 0.07 feet of LNAPL were detected in MW3 and MW4, respectively.

To date, a total of 51.4 pounds of BTEX have been recovered through venting and 0.23 pounds of BTEX have been recovered through pumping, the majority of which was recovered in the first week of system operation. There has been no liquid LNAPL recovery to date. Declining BTEX concentrations in the air stripper influent (from 3,952 µg/L at startup to 40.4 µg/L) and decreasing liquid flow rates have resulted in a lower rate of BTEX recovery via pumping. Drought conditions have resulted in very little groundwater recharge to the bedrock aquifer via precipitation. Liquid flow rates and groundwater elevations in the monitoring wells have generally stabilized, with flow rates from the individual extraction wells ranging from 0.01 to 0.12 GPM and the total system flow rate at approximately 0.40 GPM. It appears that the majority of the contamination is being recovered through EX-5 and EX-7, as the highest liquid flow rates and the highest individual leg PID readings are observed in these wells. Refer to Tables 2-4 for a summary of VEGE system flow rates and contaminant recovery and to Table 5 for a summary of individual leg PID readings from the recovery wells.

Effluent water samples from the treatment system were below laboratory detection limits for all VOC and SVOC compounds with the exception of the sample collected on May 23 in which xylene was detected at a concentration of 11.0 µg/L, below discharge standards. The vapor discharge from the air stripper (as calculated by influent water concentrations and system pumping rate) was below the discharge limit for benzene emissions. The vapor system effluent concentrations did not exceed regulatory discharge limits for benzene emissions. Refer to Table 6 for a summary of system water performance sampling results. Laboratory analytical reports are included in Attachment A.

In order to optimize recovery, adjustments to vapor extraction operations and pumping rates may be made in the future based on the results of the quarterly sampling event completed in September and sampling of select recovery wells.

SITE ACTIVITIES COMPLETED DURING PERIOD

<u>Date</u>	<u>Activities Completed</u>
5/16-5/18/16	VEGE system testing in preparation for system activation. Collected system water samples and submitted for laboratory analysis of VOCs and SVOCs via EPA Methods 624 and 625, respectively.
5/23/16	VEGE system activation. Recorded system data and groundwater levels in onsite monitoring wells. Collected system water samples and air samples. The water samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625. The air samples were submitted for laboratory analysis of VOCs and SVOCs via EPA Method TO-15.
5/24/16	System inspection. VEGE system operational upon arrival. Recorded system data and collected system water samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.
5/25/16	System inspection. VEGE system operational upon arrival. Recorded system data and groundwater levels in onsite monitoring wells. Changed carbon in primary and secondary carbon vessels. Collected system water samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.
5/27/16	System inspection. VEGE system operational upon arrival. Changed carbon in primary carbon vessel. Recorded system data and collected system water samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.
5/31/16	System inspection. VEGE system operational upon arrival. Changed carbon in primary carbon vessel. Recorded system data.
6/2/16	System inspection. VEGE system operational upon arrival. Recorded system data and groundwater levels in onsite monitoring wells. Collected system water samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.
6/8/16	System inspection. VEGE system operational upon arrival. Changed carbon in primary and secondary carbon vessels. Recorded system data and collected system water samples. The samples were submitted for

laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.

- 6/13/16 System inspection. VEGE system operational upon arrival. Recorded system data.
- 6/16/16 Collected system water samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.
- 6/22/16 System inspection. Venting system operational upon arrival; pumping system not operational. Recorded system data, performed system maintenance, and collected system air samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method TO-3. Both systems were deactivated for repair upon departure.
- 6/24/16 VEGE system was repaired and restarted.
- 6/29/16 System inspection. VEGE system operational upon arrival. Changed carbon in primary and secondary carbon vessels. Recorded system data and collected system water samples. The samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625.
- 7/13/16 System inspection. VEGE system operational upon arrival. Recorded system data and groundwater levels in onsite monitoring wells. Changed carbon in primary carbon vessel. Collected system water samples and air samples. The water samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method 624 and SVOCs via EPA Method 625. The air samples were submitted for laboratory analysis of BTEX and MTBE via EPA Method TO-3.
- 7/19/16 System inspection. VEGE system operational upon arrival. Recorded system data.
- 7/28/16 System inspection. VEGE system operational upon arrival. Recorded system data. Changed carbon in primary and secondary carbon vessels.
- 8/11/16 VEGE system was deactivated to allow groundwater levels to rise prior to quarterly sampling event.
- 8/31/16 VEGE system was reactivated following quarterly sampling event.

FUTURE ACTIVITIES

- Weekly system inspections.
- Monthly water system performance sampling.
- Monthly air system performance sampling.
- VEGE system maintenance and repair as required.
- System optimization including adjustments to pumping rates and vapor extraction operations.
- Quarterly groundwater sampling and laboratory analysis in September

LIST OF ATTACHMENTS

- Table 1: Groundwater Gauging Data and Drawdown
- Table 2: Groundwater Flow Summary
- Table 3: Historical Summary of Groundwater Recovery
- Table 4: Historical Summary of Vapor Recovery
- Table 5: Recovery Well PID Readings
- Table 6: Historical Summary of Groundwater Treatment System Results

- Attachment A: Laboratory Analytical Reports

TABLES

Table 1

**Groundwater Gauging Data and Drawdown
1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Well ID# and Casing Elevation (ft)	Date	Time	Depth to Product	Depth to Water	Product Thickness	Adjusted Depth to Water	Drawdown
MW1	05/23/2016	baseline	-	17.88	-	17.88	
		1:15 PM	-	21.09	-	21.09	3.21
	05/25/2016		-	21.58	-	21.58	3.70
	06/02/2016		-	21.72	-	21.72	3.84
	07/13/2016		-	21.34	-	21.34	3.46
MW2	05/23/2016	baseline	-	17.52	-	17.52	
		1:15 PM	-	18.06	-	18.06	0.54
	05/25/2016		-	18.54	-	18.54	1.02
	06/02/2016		-	18.19	-	18.19	0.67
	07/13/2016		-	21.40	-	21.40	3.88
MW3	05/23/2016	baseline	13.53	13.56	0.03	13.54	
		1:15 PM	16.66	16.69	0.03	16.67	3.13
	05/25/2016		15.27	15.31	0.04	15.28	1.74
	06/02/2016		15.28	15.32	0.04	15.29	1.75
	07/13/2016		-	15.32	-	15.32	1.78
MW4	05/23/2016	baseline	15.41	15.48	0.07	15.42	
		1:15 PM	16.73	16.75	0.02	16.73	1.31
	05/25/2016		17.52	17.58	0.06	17.53	2.11
	06/02/2016		-	16.59	-	16.59	1.17
	07/13/2016		-	17.42	-	17.42	2.00
MW7R	07/13/2016		-	17.22	-	17.22	

Table 1 (Continued)

**Groundwater Gauging Data and Drawdown
1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Well ID# and Casing Elevation (ft)	Date	Time	Depth to Product	Depth to Water	Product Thickness	Adjusted Depth to Water	Drawdown
MW8	05/23/2016	baseline	-	20.84	-	20.84	
		1:15 PM	-	20.88	-	20.88	0.04
	05/25/2016		-	21.05	-	21.05	0.21
	06/02/2016		-	21.17	-	21.17	0.33
	07/13/2016		-	22.16	-	22.16	1.32
MW9R	07/13/2016		-	18.19	-	18.19	
MW10	05/23/2016	baseline	-	17.70	-	17.70	
		1:15 PM	-	17.70	-	17.70	0.00
	05/25/2016		-	17.70	-	17.70	0.00
MW11	05/23/2016	baseline	-	17.00	-	17.00	
		1:15 PM	-	17.28	-	17.28	0.28
	05/25/2016		-	17.48	-	17.48	0.48
	06/02/2016		-	17.69	-	17.69	0.69
	07/13/2016		-	18.93	-	18.93	1.93
MW15R	07/13/2016		-	17.66	-	17.66	
MW16	05/23/2016	baseline	-	15.97	-	15.97	
		1:15 PM	-	17.30	-	17.30	1.33
	05/25/2016		-	18.32	-	18.32	2.35
	06/02/2016		-	18.17	-	18.17	2.20
	07/13/2016		-	18.25	-	18.25	2.28

**Table 2
Groundwater Flow Summary**

**1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Date	Time	Total Pulses	Gallons per Pulse	EX-1 Flow Rate (gpm)	EX-2 Flow Rate (gpm)	EX-3 Flow Rate (gpm)	EX-4 Flow Rate (gpm)	EX-5 Flow Rate (gpm)	EX-6 Flow Rate (gpm)	EX-7 Flow Rate (gpm)	EX-8 Flow Rate (gpm)	EX-9 Flow Rate (gpm)
Baseline		0	0									
5/23/2016	9:35	1,345	0.21	0.34	0.26	0.65	0.01	0.76	0.13	0.84	0.08	3.27
5/23/2016	10:30	1,102	0.22	0.20	0.13	0.40	0.00	0.36	0.07	0.29	0.09	2.77
5/23/2016	11:22	1,427	0.13	0.11	0.07	0.25	0.00	0.12	0.03	0.14	1.20	1.71
5/24/2016		20,503	0.20	0.08	0.09	0.21	0.00	0.31	0.04	0.20	0.35	1.54
5/25/2016		17,906	0.21	0.07	0.09	0.15	0.00	0.48	0.03	0.28	0.11	1.39
5/27/2016		29,375	0.21	0.06	0.06	0.11	0.00	0.43	0.03	0.23	0.04	1.17
5/31/2016		43,117	0.21	0.05	0.06	0.07	0.00	0.46	0.03	0.17	0.02	0.73
6/2/2016		17,702	0.21	0.06	0.06	0.06	0.01	0.42	0.03	0.27	0.00	0.36
6/8/2016		53,812	0.21	0.07	0.06	0.06	0.06	0.55	0.03	0.17	0.01	0.30
6/13/2016		17,615	0.22	0.05	0.03	0.06	0.03	0.19	0.02	0.09	0.00	0.09
6/22/2016		31,708	0.22	0.05	0.03	0.06	0.03	0.19	0.02	0.09	0.00	0.09
6/29/2016		16,189	0.18	0.03	0.02	0.03	0.00	0.09	0.01	0.02	0.00	0.08
7/13/2016		53,166	0.17	0.05	0.02	0.04	0.01	0.16	0.01	0.06	0.00	0.08
7/19/2016		25,435	0.15	0.04	0.02	0.03	0.03	0.12	0.01	0.06	0.00	0.11
7/28/2016		36,410	0.13	0.03	0.02	0.02	0.03	0.07	0.01	0.05	0.00	0.12

**Table 2 (Continued)
Groundwater Flow Summary**

**1200 East Main Street
City of Rochester
Monroe County, NY
Brownfield Project B-00129-8**

Date	Time	Total Pulses	Gallons per Pulse	System Totalizer (gal)	System Flow Rate (gpm)	Total Well Yield (gpm)	Total Gallons For Period	Cumulative Gallons Pumped to Date	% Operational	Comments
Baseline		0	0	396	0			0		Baseline
5/23/2016	9:35	1,345	0.21	682	6.35	6.35	286	286	100%	System activated
5/23/2016	10:30	1,102	0.22	920	4.33	4.33	238	524	100%	System operational
5/23/2016	11:22	1,427	0.13	1,108	3.63	3.63	189	712	100%	System operational
5/24/2016		20,503	0.20	5,164	2.82	2.82	4,055	4,767	100%	System operational
5/25/2016		17,906	0.21	8,920	2.61	2.61	3,756	8,524	100%	System operational
5/27/2016		29,375	0.21	15,100	2.15	2.15	6,180	14,704	100%	System operational
5/31/2016		43,117	0.21	24,219	1.58	1.58	9,119	23,823	100%	System operational
6/2/2016		17,702	0.21	27,848	1.26	1.26	3,629	27,452	100%	System operational
6/8/2016		53,812	0.21	39,194	1.31	1.31	11,346	38,798	100%	System operational
6/13/2016		17,615	0.22	43,153	0.55	0.55	3,959	42,757	100%	System operational
6/22/2016		31,708	0.22	50,280	0.55	0.82	7,127	49,884	67%	Venting system operational; pumping system not operational due to tripped breaker. Deactivated both systems.
6/29/2016		16,189	0.18	53,116	0.28	0.39	2,836	52,720	71%	System operational (repaired and restarted 6/24/16).
7/13/2016		53,166	0.17	61,906	0.44	0.44	8,791	61,510	100%	System operational
7/19/2016		25,435	0.15	65,609	0.43	0.43	3,703	65,213	100%	System operational
7/28/2016		36,410	0.13	70,399	0.37	0.37	4,789	70,003	100%	System operational

Table 3

**Historical Summary of Groundwater Recovery
1200 East Main Street
City of Rochester
Monroe County, NY**

EPA Method 624 (BTEX + MTBE)

Date	Air Stripper Influent (BTEX)	Air Stripper Effluent (BTEX)	Gallons Pumped Per Period	Gallons Pumped to Date	BTEX Recovery (lbs.)	BTEX Recovery to Date (lbs.)
5/18/2016	3,952	0.0		0		
5/23/2016	3,689	15.3	712	712	0.02	0.02
5/24/2016	1,028	0.0	4,055	4,767	0.08	0.10
5/25/2016	589	0.0	3,757	8,524	0.03	0.13
6/8/2016	96	0.0	30,274	38,798	0.09	0.21
6/22/2016	111	0.0	11,086	49,884	0.01	0.22
7/13/2016	40.4	0.0	11,626	61,510	0.01	0.23

NOTES:

All results in units of ug/L unless otherwise noted.

Table 4
Historical Summary of Vapor Recovery
1200 East Main Street
City of Rochester
Monroe County, NY

Date	Time	PID (ppm)			Vac @ header (in H2O)	Flow (cfm)	BTEX (ug/m3)		Benzene (ug/m3)		% Operation	BTEX Loading Rate (lbs/hr)	BTEX Recovery (lbs)	BTEX Recovery to Date (lbs)	Effluent Benzene Loading Rate (lbs/hr)	
		pre-carbon	mid-carbon	post-carbon			Influent	Effluent	Influent	Effluent						
5/23/2016	8:55	277	0	0	40	135	73,800	62	1,900	0	100%	3.16E-05	0.15	0.15	0.00E+00	
	9:26	411	252	52												
	10:27	423	29	0												
	11:27	434	46	26												
	13:02	421	58	0												
5/24/2016		305	251	61	39	136										
5/25/2016		365	0	0	41	133										
5/27/2016		261	0	0	40	135										
5/31/2016		199	3.3	85	42	131										
6/2/2016		180	1.6	11.5	48	119										
6/8/2016		196	163.6	182.6	47	120										
6/13/2016		180	80	40	47	120										
6/22/2016		166	80	31	48	119	99,340	5,800	8,440	3,150	100%	1.39E-03	28.56	28.71	1.49E-03	
6/29/2016		132	3.3	0	40	135										
7/13/2016		117	0	25	39	136										
7/19/2016		105	42	23	40	135	57,900	2,500	4,550	2,500	93%	2.10E-03	22.65	51.36	1.27E-03	
7/28/2016		97	61	40	39	136										

Table 5

**Recovery Well PID Readings (ppm)
1200 East Main Street
City of Rochester
Monroe County, NY**

Date	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	EX-9
5/23/2016	343	312	335	317	327	384	415	310	127
5/24/2016	314	74	216	261	216	256	327	233	176
5/25/2016	302	69	233	242	191	148	407	262	223
6/2/2016	105	57	109	158	127	132	376	165	181
7/13/2016	51	31	54	46	170	122	104	62	29

Table 6

**Historical Summary of Groundwater Treatment System Results (µg/L)
1200 East Main Street
City of Rochester
Monroe County, NY**

EPA Method 624 (BTEX + MTBE)
EPA Method 625 (SVOCs)

VOCs	5/18/2016		5/23/2016		5/24/2016		5/25/2016		6/8/2016		6/16/2016		7/13/2016	
	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent
Benzene	55.6	<1.00	61.6	<1.00	11.6	<1.00	<10.0	<1.00	3.35	<1.00	1.42	<1.00	<1.00	<1.00
Toluene	310	<2.00	387	<2.00	50.3	<2.00	23.7	<2.00	3.84	<2.00	2.90	<2.00	<2.00	<2.00
Ethylbenzene	628	<2.00	556	2.03	126	<2.00	59.8	<2.00	2.17	<2.00	11.2	<2.00	2.22	<2.00
m,p-Xylene	2440	<2.00	2200	11.0	706	<2.00	419	<2.00	61.4	<2.00	76.9	<2.00	33.4	<2.00
o-Xylene	518	<2.00	484	2.22	134	<2.00	86.8	<2.00	25.1	<2.00	18.5	<2.00	4.76	<2.00
Total BTEX	3,952	ND	3,689	15.3	1,028	ND	589	ND	95.9	ND	110.9	ND	40.4	ND

MTBE	<20.0	<2.00	<20.0	<2.00	<20.0	<2.00	<20.0	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
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SVOCs	5/18/2016		5/23/2016		5/24/2016		5/25/2016		6/8/2016		6/16/2016		7/13/2016	
	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent	influent	effluent
Anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Acenaphthylene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Acenaphthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(a)anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(a)pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(b)fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(g,h,i)perylene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Benzo(k)fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Chrysene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Dibenz(a,h)anthracene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Fluoranthene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Fluorene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Indeno(1,2,3-cd)pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Naphthalene	NA	<10.0	NA	28.6	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Phenanthrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Pyrene	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0	NA	<10.0
Total SVOCs	NA	ND	NA	28.6	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND

Total VOCs + SVOCs	NA	ND	NA	43.85	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND
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NOTES:

All results in units of ug/L unless otherwise noted.

NA = Not Analyzed

APPENDIX A
LABORATORY ANALYTICAL REPORTS

Technical Report for

Matrix Environmental Tech.

Bergman, 1200 Main, Rochester, NY

12-041 PO# 024

SGS Accutest Job Number: MC44635

Sampling Date: 02/29/16

Report to:

Matrix Environmental
3730 California Road
Orchard Park, NY 14127
smarchetti@matrixbiotech.com; analytical@matrixbiotech.com

ATTN: Steve Marchetti

Total number of pages in report: 41



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

H. (Brad) Madadian
Lab Director

Client Service contact: Robert Soll 508-481-6200

Certifications: MA (M-MA136, SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Matrix Environmental Tech.

Job No: MC44635

Bergman, 1200 Main, Rochester, NY
Project No: 12-041 PO# 024

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
MC44635-1	02/29/16	10:00 RG	03/03/16	SO	Soil	DRILL CUTTINGS

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: MC44635
Account: Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY
Collected: 02/29/16

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

MC44635-1 DRILL CUTTINGS

Ignitability (Flashpoint)	> 230	Deg. F	SW846 1020
pH	8.2	su	SW846 9045D

Sample Results

Report of Analysis

Report of Analysis

3.1
3

Client Sample ID: DRILL CUTTINGS	
Lab Sample ID: MC44635-1	Date Sampled: 02/29/16
Matrix: SO - Soil	Date Received: 03/03/16
Method: SW846 8260C SW846 1311	Percent Solids: 91.7
Project: Bergman, 1200 Main, Rochester, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N100307.D	100	03/14/16	MC	03/07/16	GP20182	MSN3667
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

TCLP Leachate method SW846 1311

CAS No.	Compound	Result	HW#	MCL	RL	Units Q
71-43-2	Benzene	ND	D018	0.50	0.10	mg/l

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		74-135%
2037-26-5	Toluene-D8	102%		83-116%
460-00-4	4-Bromofluorobenzene	106%		76-124%

ND = Not detected
 MCL = Maximum Contamination Level (40 CFR 261 6/96)
 E = Indicates value exceeds calibration range
 J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

Client Sample ID: DRILL CUTTINGS	Date Sampled: 02/29/16
Lab Sample ID: MC44635-1	Date Received: 03/03/16
Matrix: SO - Soil	Percent Solids: 91.7
Method: SW846 8015	
Project: Bergman, 1200 Main, Rochester, NY	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BD72812.D	1	03/04/16	AF	n/a	n/a	GBD3586
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.0 g	10.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (VOA)	ND	5.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits	
	2,3,4-Trifluorotoluene	102%		62-131%	

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DRILL CUTTINGS	Date Sampled: 02/29/16
Lab Sample ID: MC44635-1	Date Received: 03/03/16
Matrix: SO - Soil	Percent Solids: 91.7
Project: Bergman, 1200 Main, Rochester, NY	

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	< 0.010	D008	5.0	0.010	mg/l	1	03/08/16	03/09/16 EAL	SW846 6010C ¹	SW846 3010A ²

(1) Instrument QC Batch: MA18962

(2) Prep QC Batch: MP25904

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 6/96)

Report of Analysis

Client Sample ID: DRILL CUTTINGS	Date Sampled: 02/29/16
Lab Sample ID: MC44635-1	Date Received: 03/03/16
Matrix: SO - Soil	Percent Solids: 91.7
Project: Bergman, 1200 Main, Rochester, NY	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Ignitability (Flashpoint)	> 230		Deg. F	1	03/04/16	BF	SW846 1020
Solids, Percent	91.7		%	1	03/04/16	HS	SM 2540G-97 MOD
pH	8.2		su	1	03/15/16 12:38	EL	SW846 9045D

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS Accutest Sample Receipt Summary

Job Number: MC44635

Client: MATRIX

Project: BERGMAN/1200 MAIN

Date / Time Received: 3/3/2016 10:00:00 AM

Delivery Method: FedEx

Airbill #'s: 7757 8141 5703

Cooler Temps (Initial/Adjusted): #1: (0.6/0.6):

Cooler Security

- | | | | | | | | |
|---------------------------|-------------------------------------|-----------|--------------------------|-----------------------|-------------------------------------|-----------|--------------------------|
| | <u>Y</u> | <u>or</u> | <u>N</u> | | <u>Y</u> | <u>or</u> | <u>N</u> |
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

Cooler Temperature

- | | | | |
|----------------------------|-------------------------------------|-----------|--------------------------|
| | <u>Y</u> | <u>or</u> | <u>N</u> |
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Thermometer ID: | _____ ; _____ | | |
| 3. Cooler media: | <u>Ice (Bag)</u> | | |
| 4. No. Coolers: | <u>1</u> | | |

Quality Control Preservation

- | | | | | |
|---------------------------------|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Sample Integrity - Documentation

- | | | | |
|--|-------------------------------------|-----------|--------------------------|
| | <u>Y</u> | <u>or</u> | <u>N</u> |
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |

Sample Integrity - Condition

- | | | | |
|----------------------------------|-------------------------------------|-----------|--------------------------|
| | <u>Y</u> | <u>or</u> | <u>N</u> |
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| 3. Condition of sample: | <u>Intact</u> | | |

Sample Integrity - Instructions

- | | | | | |
|---|-------------------------------------|-----------|-------------------------------------|-------------------------------------|
| | <u>Y</u> | <u>or</u> | <u>N</u> | <u>N/A</u> |
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

MC44635: Chain of Custody

Page 2 of 2

4.1
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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN3667-MB	N100303.D	1	03/14/16	MC	n/a	n/a	MSN3667

The QC reported here applies to the following samples:

Method: SW846 8260C

MC44635-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/l	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	99%	79-127%
2037-26-5	Toluene-D8	102%	80-116%
460-00-4	4-Bromofluorobenzene	105%	77-124%

5.1.1
5

Leachate Blank Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP20182-LB1	N100304.D	10	03/14/16	MC	03/07/16	GP20182	MSN3667

The QC reported here applies to the following samples:

Method: SW846 8260C

MC44635-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	5.0	ug/l	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	99%	74-135%
2037-26-5	Toluene-D8	103%	83-116%
460-00-4	4-Bromofluorobenzene	103%	76-124%

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSN3667-BS	N100298.D	1	03/14/16	MC	n/a	n/a	MSN3667
MSN3667-BSD	N100299.D	1	03/14/16	MC	n/a	n/a	MSN3667

The QC reported here applies to the following samples:

Method: SW846 8260C

MC44635-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50	46.9	94	46.1	92	2	74-124/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	97%	96%	79-127%
2037-26-5	Toluene-D8	101%	101%	80-116%
460-00-4	4-Bromofluorobenzene	102%	101%	77-124%

* = Outside of Control Limits.

5.3.1
5

Leachate Spike Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP20182-LS1	N100321.D	100	03/15/16	MC	03/07/16	GP20182	MSN3667
MC44635-1	N100307.D	100	03/14/16	MC	03/07/16	GP20182	MSN3667

The QC reported here applies to the following samples:

Method: SW846 8260C

MC44635-1

CAS No.	Compound	MC44635-1 ug/l	Spike Q	LS ug/l	LS %	Limits
71-43-2	Benzene	ND	5000	4610	92	63-125

CAS No.	Surrogate Recoveries	LS	MC44635-1	Limits
1868-53-7	Dibromofluoromethane	102%	100%	74-135%
2037-26-5	Toluene-D8	103%	102%	83-116%
460-00-4	4-Bromofluorobenzene	101%	106%	76-124%

* = Outside of Control Limits.

5.4.1
 5

Leachate Spike Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GP20182-LS2	N100322.D	100	03/15/16	MC	03/07/16	GP20182	MSN3667
MC44659-1	N100309.D	100	03/14/16	MC	03/07/16	GP20182	MSN3667

The QC reported here applies to the following samples:

Method: SW846 8260C

MC44635-1

CAS No.	Compound	MC44659-1 ug/l	Spike Q	LS ug/l	LS %	Limits
71-43-2	Benzene	ND	5000	5250	105	63-125

CAS No.	Surrogate Recoveries	LS	MC44659-1	Limits
1868-53-7	Dibromofluoromethane	100%	100%	74-135%
2037-26-5	Toluene-D8	101%	102%	83-116%
460-00-4	4-Bromofluorobenzene	102%	103%	76-124%

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Method: SW846 8260C **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC44635-1	N100307.D	100	102	106
GP20182-LB1	N100304.D	99	103	103
GP20182-LS1	N100321.D	102	103	101
GP20182-LS2	N100322.D	100	101	102
MSN3667-BS	N100298.D	97	101	102
MSN3667-BSD	N100299.D	96	101	101
MSN3667-MB	N100303.D	99	102	105

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	74-135%
S2 = Toluene-D8	83-116%
S3 = 4-Bromofluorobenzene	76-124%

5.5.1
5

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBD3586-MB	BD72808A.D	1	03/04/16	AF	n/a	n/a	GBD3586

The QC reported here applies to the following samples:

Method: SW846 8015

MC44635-1

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (VOA)	ND	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
	2,3,4-Trifluorotoluene	102% 62-131%

6.1.1
6

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GBD3586-BSP	BD72809A.D	1	03/04/16	AF	n/a	n/a	GBD3586
GBD3586-BSD	BD72810A.D	1	03/04/16	AF	n/a	n/a	GBD3586

The QC reported here applies to the following samples:

Method: SW846 8015

MC44635-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (VOA)	32.5	32.3	99	31.0	95	4	84-112/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
	2,3,4-Trifluorotoluene	107%	103%	62-131%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC44635-1MS	BD72813.D	1	03/04/16	AF	n/a	n/a	GBD3586
MC44635-1MSD	BD72814.D	1	03/04/16	AF	n/a	n/a	GBD3586
MC44635-1	BD72812.D	1	03/04/16	AF	n/a	n/a	GBD3586

The QC reported here applies to the following samples:

Method: SW846 8015

MC44635-1

CAS No.	Compound	MC44635-1 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (VOA)	ND	38.4	37.3	97	38.4	37.9	99	2	63-134/20

CAS No.	Surrogate Recoveries	MS	MSD	MC44635-1	Limits
	2,3,4-Trifluorotoluene	104%	105%	102%	62-131%

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Job Number: MC44635
Account: MATNYOP Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Method: SW846 8015	Matrix: SO
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Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a
MC44635-1	BD72812.D	102
GBD3586-BSD	BD72810A.D	103
GBD3586-BSP	BD72809A.D	107
GBD3586-MB	BD72808A.D	102
MC44635-1MS	BD72813.D	104
MC44635-1MSD	BD72814.D	105

Surrogate Compounds	Recovery Limits
S1 = 2,3,4-Trifluorotoluene	62-131%

(a) Recovery from GC signal #1

6.4.1
6

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC44635
Account: MATNYOP - Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 03/08/16

Metal	RL	IDL	MDL	MB raw	final
Aluminum	0.20	.0088	.025		
Antimony	0.0060	.0011	.0012		
Arsenic	0.010	.0023	.002		
Barium	0.50	.00024	.00057		
Beryllium	0.0040	.00015	.00034		
Bismuth	0.050	.0011	.0018		
Boron	0.10	.001	.0023		
Cadmium	0.0040	.00025	.0003		
Calcium	5.0	.0053	.018		
Chromium	0.010	.00033	.0011		
Cobalt	0.050	.00024	.00041		
Copper	0.025	.00064	.0042		
Gold	0.050	.0013	.0013		
Iron	0.10	.0023	.016		
Lead	0.010	.001	.0011	0.0	<0.010
Lithium	0.50	.0011	.0018		
Magnesium	5.0	.034	.056		
Manganese	0.015	.000056	.00041		
Molybdenum	0.10	.00021	.016		
Nickel	0.040	.00021	.00035		
Palladium	0.050	.0011	.0014		
Platinum	0.050	.0026	.0047		
Potassium	5.0	.034	.078		
Selenium	0.025	.0026	.0034		
Silicon	0.10	.0014	.03		
Silver	0.0050	.00066	.0014		
Sodium	5.0	.0082	.035		
Sulfur	0.050	.0026	.0033		
Strontium	0.010	.00015	.00017		
Thallium	0.0050	.0011	.0018		
Tin	0.10	.00075	.0022		
Titanium	0.050	.00036	.00099		
Tungsten	0.10	.0052	.023		

7.1.1
7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: MC44635
Account: MATNYOP - Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: mg/l

Prep Date: 03/08/16

Metal	RL	IDL	MDL	MB raw	final
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Vanadium	0.010	.00036	.0004		
Zinc	0.10	.00031	.001		
Zirconium	0.050	.00034	.0026		

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16

Metal	MC44640-1 Original MS	SpikeLot MPICP7		% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	anr				
Barium	anr				
Beryllium					
Bismuth					
Boron					
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0	1.1	1.0	110.0	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16

Metal	MC44640-1 Original MS	Spike lot MPICP7	% Rec	QC Limits
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Vanadium

Zinc

Zirconium

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16

Metal	MC44640-1 Original MSD	SpikeLot MPICP7	% Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic	anr				
Barium	anr				
Beryllium					
Bismuth					
Boron					
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0	1.1	1.0	110.0	0.0 20
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16

Metal	MC44640-1 Original MSD	Spike lot MPICP7	% Rec	MSD RPD	QC Limit
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Vanadium

Zinc

Zirconium

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16 03/08/16

Metal	MC44653-1		SpikeLot		QC Limits	MC44659-1		SpikeLot		QC Limits
	Original	LS	MPICP7	% Rec		Original	LS	MPICP7	% Rec	
Aluminum										
Antimony										
Arsenic	anr									
Barium	anr									
Beryllium										
Bismuth										
Boron										
Cadmium	anr									
Calcium										
Chromium	anr									
Cobalt										
Copper										
Gold										
Iron										
Lead	0.0048	1.1	1.0	109.5	75-125	0.0	1.1	1.0	110.0	75-125
Lithium										
Magnesium										
Manganese										
Molybdenum										
Nickel	anr									
Palladium										
Platinum										
Potassium										
Selenium	anr									
Silicon										
Silver	anr									
Sodium										
Sulfur										
Strontium										
Thallium										
Tin										
Titanium										
Tungsten										

7.1.2
 7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16 03/08/16

Metal	MC44653-1 Original LS	SpikeLot MPICP7	% Rec	QC Limits	MC44659-1 Original LS	SpikeLot MPICP7	% Rec	QC Limits
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Vanadium

Zinc

Zirconium

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16

Metal	MC44705-1 Original LS	SpikeLot MPICP7		% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	anr				
Barium	anr				
Beryllium					
Bismuth					
Boron					
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt					
Copper					
Gold					
Iron					
Lead	0.0017	1.1	1.0	109.8	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	anr				
Palladium					
Platinum					
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Sodium					
Sulfur					
Strontium					
Thallium					
Tin					
Titanium					
Tungsten					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16

Metal	MC44705-1 Original LS	Spike lot MPICP7	% Rec	QC Limits
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Vanadium

Zinc

Zirconium

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.1.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16 03/08/16

Metal	BSP Result	Spikelot MPICP7	% Rec	QC Limits	BSD Result	Spikelot MPICP7	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic	anr								
Barium	anr								
Beryllium									
Bismuth									
Boron									
Cadmium	anr								
Calcium									
Chromium	anr								
Cobalt									
Copper									
Gold									
Iron									
Lead	1.0	1.0	100.0	80-120	1.0	1.0	100.0	0.0	20
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel	anr								
Palladium									
Platinum									
Potassium									
Selenium	anr								
Silicon									
Silver	anr								
Sodium									
Sulfur									
Strontium									
Thallium									
Tin									
Titanium									
Tungsten									

7.1.3
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: mg/l

Prep Date: 03/08/16 03/08/16

Metal	BSP Result	Spikelot MPICP7	% Rec	QC Limits	BSD Result	Spikelot MPICP7	% Rec	BSD RPD	QC Limit
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Vanadium

Zinc

Zirconium

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.3

7

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC44635
 Account: MATNYOP - Matrix Environmental Tech.
 Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
 Matrix Type: LEACHATE

Methods: SW846 6010C
 Units: ug/l

Prep Date: 03/08/16

Metal	MC44640-1 Original SDL 1:5	%DIF	QC Limits
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Aluminum			
Antimony			
Arsenic	anr		
Barium	anr		
Beryllium			
Bismuth			
Boron			
Cadmium	anr		
Calcium			
Chromium	anr		
Cobalt			
Copper			
Gold			
Iron			
Lead	0.00	0.00	NC 0-10
Lithium			
Magnesium			
Manganese			
Molybdenum			
Nickel	anr		
Palladium			
Platinum			
Potassium			
Selenium	anr		
Silicon			
Silver	anr		
Sodium			
Sulfur			
Strontium			
Thallium			
Tin			
Titanium			
Tungsten			

7.1.4
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: MC44635
Account: MATNYOP - Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

QC Batch ID: MP25904
Matrix Type: LEACHATE

Methods: SW846 6010C
Units: ug/l

Prep Date: 03/08/16

Metal	MC44640-1	QC
	Original SDL 1:5	%DIF Limits

Vanadium

Zinc

Zirconium

Associated samples MP25904: MC44635-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.4

7

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: MC44635
Account: MATNYOP - Matrix Environmental Tech.
Project: Bergman, 1200 Main, Rochester, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Ignitability (Flashpoint)	GN53175	MC44530-1	Deg. F	75.0	75.0	0.0	0-20%
Solids, Percent	GN53204	MC44644-2	%	91.4	91.5	0.1	0-20%
pH	GN53282	MC44635-1	su	8.2	8.2	0.0	0-20%

Associated Samples:
Batch GN53175: MC44635-1
Batch GN53204: MC44635-1
Batch GN53282: MC44635-1
(* Outside of QC limits

8.1
8



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

161989

Referencing

COR E Main

Prepared

Thursday, May 19, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, May 19, 2016

Page 1 of 10

Client: Matrix Environmental
Project Reference: COR E Main

Sample Identifier: AS Influent

Lab Sample ID: 161989-01

Date Sampled: 5/18/2016

Matrix: Groundwater

Date Received: 5/18/2016

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 20.0	ug/L		5/18/2016 14:14
1,1,2,2-Tetrachloroethane	< 20.0	ug/L		5/18/2016 14:14
1,1,2-Trichloroethane	< 20.0	ug/L		5/18/2016 14:14
1,1-Dichloroethane	< 20.0	ug/L		5/18/2016 14:14
1,1-Dichloroethene	< 20.0	ug/L		5/18/2016 14:14
1,2-Dichlorobenzene	< 20.0	ug/L		5/18/2016 14:14
1,2-Dichloroethane	< 20.0	ug/L		5/18/2016 14:14
1,2-Dichloropropane	< 20.0	ug/L		5/18/2016 14:14
1,3-Dichlorobenzene	< 20.0	ug/L		5/18/2016 14:14
1,4-Dichlorobenzene	< 20.0	ug/L		5/18/2016 14:14
2-Chloroethyl vinyl Ether	< 100	ug/L		5/18/2016 14:14
Benzene	55.6	ug/L		5/18/2016 14:14
Bromodichloromethane	< 20.0	ug/L		5/18/2016 14:14
Bromoform	< 50.0	ug/L		5/18/2016 14:14
Bromomethane	< 20.0	ug/L		5/18/2016 14:14
Carbon Tetrachloride	< 20.0	ug/L		5/18/2016 14:14
Chlorobenzene	< 20.0	ug/L		5/18/2016 14:14
Chloroethane	< 20.0	ug/L		5/18/2016 14:14
Chloroform	< 20.0	ug/L		5/18/2016 14:14
Chloromethane	< 20.0	ug/L		5/18/2016 14:14
cis-1,3-Dichloropropene	< 20.0	ug/L		5/18/2016 14:14
Dibromochloromethane	< 20.0	ug/L		5/18/2016 14:14
Ethylbenzene	628	ug/L		5/18/2016 14:14
m,p-Xylene	2440	ug/L		5/18/2016 14:14
Methyl tert-butyl Ether	< 20.0	ug/L		5/18/2016 14:14
Methylene chloride	< 50.0	ug/L		5/18/2016 14:14
o-Xylene	518	ug/L		5/18/2016 14:14
Tetrachloroethene	< 20.0	ug/L		5/18/2016 14:14
Toluene	310	ug/L		5/18/2016 14:14

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Client: Matrix Environmental

Project Reference: COR E Main

Sample Identifier: AS Influent

Lab Sample ID: 161989-01

Date Sampled: 5/18/2016

Matrix: Groundwater

Date Received: 5/18/2016

trans-1,2-Dichloroethene	< 20.0	ug/L	5/18/2016	14:14
trans-1,3-Dichloropropene	< 20.0	ug/L	5/18/2016	14:14
Trichloroethene	< 20.0	ug/L	5/18/2016	14:14
Trichlorofluoromethane	< 20.0	ug/L	5/18/2016	14:14
Vinyl chloride	< 20.0	ug/L	5/18/2016	14:14

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	108	81.1 - 122		5/18/2016 14:14
4-Bromofluorobenzene	102	78.7 - 116		5/18/2016 14:14
Pentafluorobenzene	106	88.6 - 112		5/18/2016 14:14
Toluene-D8	102	88.9 - 110		5/18/2016 14:14

Method Reference(s): EPA 624

Data File: x32350.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Lab Project ID: 161989

Client: **Matrix Environmental**

Project Reference: COR E Main

Sample Identifier: AS Effluent

Lab Sample ID: 161989-02

Date Sampled: 5/18/2016

Matrix: Groundwater

Date Received: 5/18/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/19/2016 02:36
Acenaphthylene	< 10.0	ug/L		5/19/2016 02:36
Anthracene	< 10.0	ug/L		5/19/2016 02:36
Benzo (a) anthracene	< 10.0	ug/L		5/19/2016 02:36
Benzo (a) pyrene	< 10.0	ug/L		5/19/2016 02:36
Benzo (b) fluoranthene	< 10.0	ug/L		5/19/2016 02:36
Benzo (g,h,i) perylene	< 10.0	ug/L		5/19/2016 02:36
Benzo (k) fluoranthene	< 10.0	ug/L		5/19/2016 02:36
Chrysene	< 10.0	ug/L		5/19/2016 02:36
Dibenz (a,h) anthracene	< 10.0	ug/L		5/19/2016 02:36
Fluoranthene	< 10.0	ug/L		5/19/2016 02:36
Fluorene	< 10.0	ug/L		5/19/2016 02:36
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/19/2016 02:36
Naphthalene	< 10.0	ug/L		5/19/2016 02:36
Phenanthrene	< 10.0	ug/L		5/19/2016 02:36
Pyrene	< 10.0	ug/L		5/19/2016 02:36

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	71.4	37.7 - 97.5		5/19/2016 02:36
Nitrobenzene-d5	68.1	46.4 - 96.6		5/19/2016 02:36
Terphenyl-d14	82.9	56.1 - 109		5/19/2016 02:36

Method Reference(s): EPA 625
 Preparation Date: 5/18/2016
 Data File: B11623.D

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/18/2016 13:50
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/18/2016 13:50
1,1,2-Trichloroethane	< 2.00	ug/L		5/18/2016 13:50
1,1-Dichloroethane	< 2.00	ug/L		5/18/2016 13:50

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Client: Matrix Environmental
Project Reference: COR E Main

Sample Identifier: AS Effluent

Lab Sample ID: 161989-02

Date Sampled: 5/18/2016

Matrix: Groundwater

Date Received: 5/18/2016

1,1-Dichloroethene	< 2.00	ug/L	5/18/2016 13:50
1,2-Dichlorobenzene	< 2.00	ug/L	5/18/2016 13:50
1,2-Dichloroethane	< 2.00	ug/L	5/18/2016 13:50
1,2-Dichloropropane	< 2.00	ug/L	5/18/2016 13:50
1,3-Dichlorobenzene	< 2.00	ug/L	5/18/2016 13:50
1,4-Dichlorobenzene	< 2.00	ug/L	5/18/2016 13:50
2-Chloroethyl vinyl Ether	< 10.0	ug/L	5/18/2016 13:50
Benzene	< 1.00	ug/L	5/18/2016 13:50
Bromodichloromethane	< 2.00	ug/L	5/18/2016 13:50
Bromoform	< 5.00	ug/L	5/18/2016 13:50
Bromomethane	< 2.00	ug/L	5/18/2016 13:50
Carbon Tetrachloride	< 2.00	ug/L	5/18/2016 13:50
Chlorobenzene	< 2.00	ug/L	5/18/2016 13:50
Chloroethane	< 2.00	ug/L	5/18/2016 13:50
Chloroform	< 2.00	ug/L	5/18/2016 13:50
Chloromethane	< 2.00	ug/L	5/18/2016 13:50
cis-1,3-Dichloropropene	< 2.00	ug/L	5/18/2016 13:50
Dibromochloromethane	< 2.00	ug/L	5/18/2016 13:50
Ethylbenzene	< 2.00	ug/L	5/18/2016 13:50
m,p-Xylene	< 2.00	ug/L	5/18/2016 13:50
Methyl tert-butyl Ether	< 2.00	ug/L	5/18/2016 13:50
Methylene chloride	< 5.00	ug/L	5/18/2016 13:50
o-Xylene	< 2.00	ug/L	5/18/2016 13:50
Tetrachloroethene	< 2.00	ug/L	5/18/2016 13:50
Toluene	< 2.00	ug/L	5/18/2016 13:50
trans-1,2-Dichloroethene	< 2.00	ug/L	5/18/2016 13:50
trans-1,3-Dichloropropene	< 2.00	ug/L	5/18/2016 13:50
Trichloroethene	< 2.00	ug/L	5/18/2016 13:50
Trichlorofluoromethane	< 2.00	ug/L	5/18/2016 13:50
Vinyl chloride	< 2.00	ug/L	5/18/2016 13:50

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Client: Matrix Environmental

Project Reference: COR E Main

Sample Identifier: AS Effluent

Lab Sample ID: 161989-02

Date Sampled: 5/18/2016

Matrix: Groundwater

Date Received: 5/18/2016

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	113	81.1 - 122		5/18/2016	13:50
4-Bromofluorobenzene	103	78.7 - 116		5/18/2016	13:50
Pentafluorobenzene	106	88.6 - 112		5/18/2016	13:50
Toluene-D8	105	88.9 - 110		5/18/2016	13:50

Method Reference(s): EPA 624

Data File: x32349.D

The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

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CHAIN OF CUSTODY

1 of 2



PARADIGM
ENVIRONMENTAL SERVICES, INC.

REPORT TO:

INVOICE TO:

CLIENT: Matrix CLIENT: Same LAB PROJECT ID: 161989
 ADDRESS: 600 Oak 477 California Rd ADDRESS: _____
 CITY: Orchard Park NY 14127 CITY: _____ STATE: _____ ZIP: _____
 PHONE: 1 800 871 0745 PHONE: _____
 ATTN: Stere M ATTN: _____

PROJECT REFERENCE: COR E main
 Matrix Codes: Matrix Codes:
 AQ - Aqueous Liquid WA - Water DW - Drinking Water SO - Soil
 NQ - Non-Aqueous Liquid WG - Groundwater WW - Wastewater SL - Sludge
 SD - Solid PT - Paint WP - Wipe CK - Caulk OL - Oil AR - Air

Quotation #: _____
 Email: S.Menchetti@mainmatrix.com

DATE COLLECTED	TIME COLLECTED	COMPONENT	GRAB	SAMPLE IDENTIFIER	MCAOATDRES	NUMBERTAINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/18/2016	9:20		X	AS main -		X	EPA 624 + mibe	01
5/18/2016	9:25		X	AS EPH main -		X	EPA 625 PPH	02

Turnaround Time Availability contingent upon lab approval; additional fees may apply.

Standard 5 day None Required
 10 day Batch QC
 Rush 3 day Category A
 Rush 2 day Category B
 Rush 1 day Other
 Other please indicate date needed: _____

Report Supplements

None Required Basic EDD NYSDEC EDD
 Other please indicate package needed: _____
 Other EDD please indicate EDD needed: _____

Sampled By: [Signature] Date/Time: 5/18/2016 9:25 Total Cost:

Requested By: [Signature] Date/Time: 5/18/2016 10:03

Received By: [Signature] Date/Time: 5/18/16 10:05 P.I.F.

Received @ Lab By: [Signature] Date/Time: 5/18/16 10:19

15°C 5/18/16 10:10

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



Chain of Custody Supplement

Client: Matrix Environmental Completed by: Glenn Pezzulo
 Lab Project ID: 161989 Date: 5/18/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> 625 SvOA	<input type="checkbox"/>	<input type="checkbox"/>
Comments	624 vOA; Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	15°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

162072

Referencing

COR 1200 E. Main Street 12-041

Prepared

Tuesday, May 24, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, slanted lines, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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Report Prepared Tuesday, May 24, 2016

Page 1 of 8



Client: Matrix Environmental
Project Reference: COR 1200 E. Main Street 12-041

Sample Identifier: Pre Stripper
Lab Sample ID: 162072-01 **Date Sampled:** 5/23/2016
Matrix: Water **Date Received:** 5/23/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	61.6	ug/L		5/23/2016 16:56
Ethylbenzene	556	ug/L		5/23/2016 16:56
m,p-Xylene	2200	ug/L		5/23/2016 16:56
Methyl tert-butyl Ether	< 20.0	ug/L		5/23/2016 16:56
o-Xylene	484	ug/L		5/23/2016 16:56
Toluene	387	ug/L		5/23/2016 16:56
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	92.2	81.1 - 122		5/23/2016 16:56
4-Bromofluorobenzene	97.4	78.7 - 116		5/23/2016 16:56
Pentafluorobenzene	104	88.6 - 112		5/23/2016 16:56
Toluene-D8	102	88.9 - 110		5/23/2016 16:56

Method Reference(s): EPA 624
Data File: x32476.D

Client: Matrix Environmental
Project Reference: COR 1200 E. Main Street 12-041

Sample Identifier: Post Stripper
Lab Sample ID: 162072-02 **Date Sampled:** 5/23/2016
Matrix: Water **Date Received:** 5/23/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/23/2016 20:45
Acenaphthylene	< 10.0	ug/L		5/23/2016 20:45
Anthracene	< 10.0	ug/L		5/23/2016 20:45
Benzo (a) anthracene	< 10.0	ug/L		5/23/2016 20:45
Benzo (a) pyrene	< 10.0	ug/L		5/23/2016 20:45
Benzo (b) fluoranthene	< 10.0	ug/L		5/23/2016 20:45
Benzo (g,h,i) perylene	< 10.0	ug/L		5/23/2016 20:45
Benzo (k) fluoranthene	< 10.0	ug/L		5/23/2016 20:45
Chrysene	< 10.0	ug/L		5/23/2016 20:45
Dibenz (a,h) anthracene	< 10.0	ug/L		5/23/2016 20:45
Fluoranthene	< 10.0	ug/L		5/23/2016 20:45
Fluorene	< 10.0	ug/L		5/23/2016 20:45
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/23/2016 20:45
Naphthalene	28.6	ug/L		5/23/2016 20:45
Phenanthrene	< 10.0	ug/L		5/23/2016 20:45
Pyrene	< 10.0	ug/L		5/23/2016 20:45

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	80.2	37.7 - 97.5		5/23/2016 20:45
Nitrobenzene-d5	81.0	46.4 - 96.6		5/23/2016 20:45
Terphenyl-d14	83.9	56.1 - 109		5/23/2016 20:45

Method Reference(s): EPA 625
Preparation Date: 5/23/2016
Data File: B11726.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/23/2016 16:33
Ethylbenzene	2.03	ug/L		5/23/2016 16:33
m,p-Xylene	11.0	ug/L		5/23/2016 16:33
Methyl tert-butyl Ether	< 2.00	ug/L		5/23/2016 16:33

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Lab Project ID: 162072

Client: **Matrix Environmental**

Project Reference: COR 1200 E. Main Street 12-041

Sample Identifier: Post Stripper

Lab Sample ID: 162072-02

Date Sampled: 5/23/2016

Matrix: Water

Date Received: 5/23/2016

o-Xylene	2.22	ug/L		5/23/2016 16:33
Toluene	< 2.00	ug/L		5/23/2016 16:33

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	98.3	81.1 - 122		5/23/2016 16:33
4-Bromofluorobenzene	98.4	78.7 - 116		5/23/2016 16:33
Pentafluorobenzene	105	88.6 - 112		5/23/2016 16:33
Toluene-D8	103	88.9 - 110		5/23/2016 16:33

Method Reference(s): EPA 624
 Data File: x32475.D

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Analytical Report Appendix

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"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

CHAIN OF CUSTODY

152



PARADIGM
ENVIRONMENTAL SERVICES, INC.

PROJECT REFERENCE
COR 1200 E. Main Street
12-041

REPORT TO: (METT)
CLIENT: Matrix Environmental Serv.
ADDRESS: PO Box 427
CITY: Orchard Park **STATE:** NY **ZIP:** 14027
PHONE:

INVOICE TO:
CLIENT: Same
ADDRESS:
CITY: **STATE:** **ZIP:**
PHONE:

LAB PROJECT ID
162072
Quotation #:
Email: S.Marche@Matrixbiochem.com

DATE COLLECTED	TIME COLLECTED	COMPOSITION	SAMPLER	SAMPLE IDENTIFIER	MATERIALS	CONTAMINANTS	REQUESTED ANALYSIS												REMARKS	PARADIGM LAB SAMPLE NUMBER
							WA - Water	WG - Groundwater	DW - Drinking Water	WW - Wastewater	SO - Soil	SL - Sludge	SD - Solid	PT - Paint	WP - Wipe	CK - Caulk	OL - Oil	AR - Air		
5-23-16	11:18	X	Pre Stripper		WA	2	X	X										01		
5-23-16	11:20	X	Post Stripper		WA	3	X	X										02		

Turnaround Time	Report Supplements	
Standard 5 day	<input type="checkbox"/>	None Required <input type="checkbox"/>
10 day	<input type="checkbox"/>	Batch QC <input type="checkbox"/>
Rush 3 day	<input type="checkbox"/>	Category A <input type="checkbox"/>
Rush 2 day	<input type="checkbox"/>	Category B <input type="checkbox"/>
Rush 1 day	<input checked="" type="checkbox"/>	Other <input type="checkbox"/>

Availability contingent upon lab approval; additional fees may apply.

Sampled By: [Signature] **Date/Time:** 5-23-16

Reinquished By: [Signature] **Date/Time:** 5/23/16 11:55

Received By: [Signature] **Date/Time:** 5/23/16 13:19

Received @ Lab By: [Signature] **Date/Time:** 5/23/16 13:09

Total Cost: []

P.L.F.: []

See additional page for sample conditions.



Chain of Custody Supplement

Client: Matrix Environmental Completed by: Glenn Pezzulo
 Lab Project ID: 162072 Date: 5/23/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> 625 SvOA	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<u>624 vOA: Cl⁻ neg.</u>		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	<u>16°C</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

162092

Referencing

COR 1200 E. Main St. 12-041

Prepared

Wednesday, May 25, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, stylized strokes, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, May 25, 2016

Page 1 of 8



Client: Matrix Environmental

Project Reference: COR 1200 E. Main St. 12-041

Sample Identifier: Pre-Stripper

Lab Sample ID: 162092-01

Date Sampled: 5/24/2016

Matrix: Water

Date Received: 5/24/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	11.6	ug/L		5/25/2016 00:25
Ethylbenzene	126	ug/L		5/25/2016 00:25
m,p-Xylene	706	ug/L		5/25/2016 00:25
Methyl tert-butyl Ether	< 20.0	ug/L		5/25/2016 00:25
o-Xylene	134	ug/L		5/25/2016 00:25
Toluene	50.3	ug/L		5/25/2016 00:25
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	104	81.1 - 122		5/25/2016 00:25
4-Bromofluorobenzene	102	78.7 - 116		5/25/2016 00:25
Pentafluorobenzene	105	88.6 - 112		5/25/2016 00:25
Toluene-D8	101	88.9 - 110		5/25/2016 00:25

Method Reference(s): EPA 624
Data File: x32556.D



Client: Matrix Environmental

Project Reference: COR 1200 E. Main St. 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 162092-02

Date Sampled: 5/24/2016

Matrix: Water

Date Received: 5/24/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/25/2016 12:08
Acenaphthylene	< 10.0	ug/L		5/25/2016 12:08
Anthracene	< 10.0	ug/L		5/25/2016 12:08
Benzo (a) anthracene	< 10.0	ug/L		5/25/2016 12:08
Benzo (a) pyrene	< 10.0	ug/L		5/25/2016 12:08
Benzo (b) fluoranthene	< 10.0	ug/L		5/25/2016 12:08
Benzo (g,h,i) perylene	< 10.0	ug/L		5/25/2016 12:08
Benzo (k) fluoranthene	< 10.0	ug/L		5/25/2016 12:08
Chrysene	< 10.0	ug/L		5/25/2016 12:08
Dibenz (a,h) anthracene	< 10.0	ug/L		5/25/2016 12:08
Fluoranthene	< 10.0	ug/L		5/25/2016 12:08
Fluorene	< 10.0	ug/L		5/25/2016 12:08
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/25/2016 12:08
Naphthalene	< 10.0	ug/L		5/25/2016 12:08
Phenanthrene	< 10.0	ug/L		5/25/2016 12:08
Pyrene	< 10.0	ug/L		5/25/2016 12:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	50.9	37.7 - 97.5		5/25/2016 12:08
Nitrobenzene-d5	50.9	46.4 - 96.6		5/25/2016 12:08
Terphenyl-d14	56.2	56.1 - 109		5/25/2016 12:08

Method Reference(s): EPA 625
Preparation Date: 5/24/2016
Data File: B11790.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/25/2016 00:49
Ethylbenzene	< 2.00	ug/L		5/25/2016 00:49
m,p-Xylene	< 2.00	ug/L		5/25/2016 00:49
Methyl tert-butyl Ether	< 2.00	ug/L		5/25/2016 00:49

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Client: Matrix Environmental

Project Reference: COR 1200 E. Main St. 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 162092-02

Date Sampled: 5/24/2016

Matrix: Water

Date Received: 5/24/2016

o-Xylene < 2.00 ug/L 5/25/2016 00:49

Toluene < 2.00 ug/L 5/25/2016 00:49

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	102	81.1 - 122		5/25/2016 00:49
4-Bromofluorobenzene	99.9	78.7 - 116		5/25/2016 00:49
Pentafluorobenzene	103	88.6 - 112		5/25/2016 00:49
Toluene-D8	101	88.9 - 110		5/25/2016 00:49

Method Reference(s): EPA 624
Data File: x32557.D



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

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Prices.

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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

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Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

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LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

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Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

1 of 2

REPORT TO:

INVOICE TO:

CLIENT: <u>MFTI - Motiv Environmental</u>	CLIENT: <u>Same</u>	LAB PROJECT ID
ADDRESS: <u>PO Box 427</u>	ADDRESS:	<u>162092</u>
CITY: <u>Richard Park NY</u>	CITY:	Quotation #:
STATE: <u>NY</u>	STATE:	Email:
ZIP:	ZIP:	

PROJECT REFERENCE: COR 1200 E. Main St 12-041

Matrix Codes: WA - Water WG - Groundwater DW - Drinking Water SO - Soil SD - Solid WP - Wipe OL - Oil
NA - Aqueous Liquid NG - Non-Aqueous Liquid WW - Wastewater SL - Sludge PT - Paint CK - Caulk AR - Air

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
5-24-16	9:00		X	PO-Stripper	WA	2		01
5-24-16	9:15		X	Post-Stripper	WA	3		02

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day <input type="checkbox"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input type="checkbox"/>
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>
Rush 1 day <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Other <input type="checkbox"/>	Other EDD <input type="checkbox"/>

Sampled By: [Signature] Date/Time: 5-24-16 10:05

Retiquished By: [Signature] Date/Time: 5-24-16 10:49

Received By: [Signature] Date/Time: 5/24/16 13:26

Received @ Lab By: [Signature] Date/Time: 5/24/16 11:39

Total Cost:

P.I.F.



Chain of Custody Supplement

Client: Matrix Environmental Completed by: Glenn Pezzullo
 Lab Project ID: 162092 Date: 5/24/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> sVOA 625	<input type="checkbox"/>	<input type="checkbox"/>
Comments	VOA 624) Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	19°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

162109

Referencing

COR 1200 E. Main 12-029

Prepared

Tuesday, May 31, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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Report Prepared Tuesday, May 31, 2016

Page 1 of 8



Client: Matrix Environmental

Project Reference: COR 1200 E. Main 12-029

Sample Identifier: Stripper Influent

Lab Sample ID: 162109-01

Date Sampled: 5/25/2016

Matrix: Water

Date Received: 5/25/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 10.0	ug/L		5/25/2016 22:30
Ethylbenzene	59.8	ug/L		5/25/2016 22:30
m,p-Xylene	419	ug/L		5/25/2016 22:30
Methyl tert-butyl Ether	< 20.0	ug/L		5/25/2016 22:30
o-Xylene	86.8	ug/L		5/25/2016 22:30
Toluene	23.7	ug/L		5/25/2016 22:30

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	98.9	81.1 - 122		5/25/2016 22:30
4-Bromofluorobenzene	100	78.7 - 116		5/25/2016 22:30
Pentafluorobenzene	105	88.6 - 112		5/25/2016 22:30
Toluene-D8	102	88.9 - 110		5/25/2016 22:30

Method Reference(s): EPA 624
Data File: x32612.D

Client: **Matrix Environmental**

Project Reference: COR 1200 E. Main 12-029

Sample Identifier: Stripper Effluent

Lab Sample ID: 162109-02

Date Sampled: 5/25/2016

Matrix: Water

Date Received: 5/25/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		5/28/2016 09:13
Acenaphthylene	< 10.0	ug/L		5/28/2016 09:13
Anthracene	< 10.0	ug/L		5/28/2016 09:13
Benzo (a) anthracene	< 10.0	ug/L		5/28/2016 09:13
Benzo (a) pyrene	< 10.0	ug/L		5/28/2016 09:13
Benzo (b) fluoranthene	< 10.0	ug/L		5/28/2016 09:13
Benzo (g,h,i) perylene	< 10.0	ug/L		5/28/2016 09:13
Benzo (k) fluoranthene	< 10.0	ug/L		5/28/2016 09:13
Chrysene	< 10.0	ug/L		5/28/2016 09:13
Dibenz (a,h) anthracene	< 10.0	ug/L		5/28/2016 09:13
Fluoranthene	< 10.0	ug/L		5/28/2016 09:13
Fluorene	< 10.0	ug/L		5/28/2016 09:13
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		5/28/2016 09:13
Naphthalene	< 10.0	ug/L		5/28/2016 09:13
Phenanthrene	< 10.0	ug/L		5/28/2016 09:13
Pyrene	< 10.0	ug/L		5/28/2016 09:13

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	66.8	37.7 - 97.5		5/28/2016 09:13
Nitrobenzene-d5	66.0	46.4 - 96.6		5/28/2016 09:13
Terphenyl-d14	77.2	56.1 - 109		5/28/2016 09:13

 Method Reference(s): EPA 625
 Preparation Date: 5/26/2016
 Data File: B11924.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		5/25/2016 22:06
Ethylbenzene	< 2.00	ug/L		5/25/2016 22:06
m,p-Xylene	< 2.00	ug/L		5/25/2016 22:06
Methyl tert-butyl Ether	< 2.00	ug/L		5/25/2016 22:06

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Client: Matrix Environmental

Project Reference: COR 1200 E. Main 12-029

Sample Identifier: Stripper Effluent

Lab Sample ID: 162109-02

Date Sampled: 5/25/2016

Matrix: Water

Date Received: 5/25/2016

o-Xylene < 2.00 ug/L 5/25/2016 22:06

Toluene < 2.00 ug/L 5/25/2016 22:06

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	103	81.1 - 122		5/25/2016 22:06
4-Bromofluorobenzene	100	78.7 - 116		5/25/2016 22:06
Pentafluorobenzene	102	88.6 - 112		5/25/2016 22:06
Toluene-D8	102	88.9 - 110		5/25/2016 22:06

Method Reference(s): EPA 624
Data File: x32611.D



Analytical Report Appendix

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Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

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"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

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CHAIN OF CUSTODY

1 of 2



REPORT TO:

INVOICE TO:

LAB PROJECT ID

CLIENT: METE (Motley Env. Lab)
 ADDRESS:
 CITY:
 STATE:
 ZIP:

CLIENT: Same
 ADDRESS:
 CITY:
 STATE:
 ZIP:

Quotation #: 162109

PHONE:
 ATTN: Steve Marchetti

PHONE:
 ATTN:

Email:

PROJECT REFERENCE

Col 1200 E-Main
 12:029

Matrix Codes:
 AQ - Aqueous Liquid
 NA - Non-Aqueous Liquid

WA - Water
 WG - Groundwater

DW - Drinking Water
 WW - Wastewater

SO - Soil
 SL - Sludge

SD - Solid
 PT - Paint

WP - Wipe
 CK - Caulk

OL - Oil
 AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITION	GRADES	SAMPLE IDENTIFIER	MATERIALS	CONTAMINANTS	REMARKS	PARADIGM LAB SAMPLE NUMBER
5-25-16	9:10		X	Stripper Top Fluent	WA	X		01
5-25-16	9:20		X	Stripper Effluent	WA	X		02

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day	None Required <input type="checkbox"/>
10 day	Batch QC <input type="checkbox"/>
Rush 3 day	Category A <input type="checkbox"/>
Rush 2 day	Category B <input checked="" type="checkbox"/>
Rush 1 day	Other <input type="checkbox"/>
Other	Other EDD <input type="checkbox"/>

Sampled: [Signature] Date/Time: 5-25-16 10:00
 Relinquished By: [Signature] Date/Time: 5-25-16 11:40
 Received By: [Signature] Date/Time: 5-25-16 11:45
 Received @ Lab By: [Signature] Date/Time: 5/25/16 13:23

Total Cost:
 P.I.F.

See additional page for sample conditions.



Chain of Custody Supplement

Client: Matrix Environmental Completed by: Glenn Pezzulo
 Lab Project ID: 162109 Date: 5/25/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> sVOA 625	<input type="checkbox"/>	<input type="checkbox"/>
Comments	vOA 624: Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	18°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

162364

Referencing

Bergmann - 1200 E. Main St.

Prepared

Wednesday, June 15, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

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Report Prepared Wednesday, June 15, 2016

Page 1 of 8



Client: Matrix Environmental

Project Reference: Bergmann - 1200 E. Main St.

Sample Identifier: Pre Stripper

Lab Sample ID: 162364-01

Date Sampled: 6/8/2016

Matrix: Groundwater

Date Received: 6/8/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	3.35	ug/L		6/14/2016 16:08
Ethylbenzene	2.17	ug/L		6/14/2016 16:08
m,p-Xylene	61.4	ug/L		6/14/2016 16:08
Methyl tert-butyl Ether	< 2.00	ug/L		6/14/2016 16:08
o-Xylene	25.1	ug/L		6/14/2016 16:08
Toluene	3.84	ug/L		6/14/2016 16:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	92.4	81.1 - 122		6/14/2016 16:08
4-Bromofluorobenzene	97.0	78.7 - 116		6/14/2016 16:08
Pentafluorobenzene	103	88.6 - 112		6/14/2016 16:08
Toluene-D8	102	88.9 - 110		6/14/2016 16:08

Method Reference(s): EPA 624
Data File: x33200.D

Client: **Matrix Environmental**

Project Reference: Bergmann - 1200 E. Main St.

Sample Identifier: Post Stripper

Lab Sample ID: 162364-02

Date Sampled: 6/8/2016

Matrix: Groundwater

Date Received: 6/8/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		6/10/2016 18:46
Acenaphthylene	< 10.0	ug/L		6/10/2016 18:46
Anthracene	< 10.0	ug/L		6/10/2016 18:46
Benzo (a) anthracene	< 10.0	ug/L		6/10/2016 18:46
Benzo (a) pyrene	< 10.0	ug/L		6/10/2016 18:46
Benzo (b) fluoranthene	< 10.0	ug/L		6/10/2016 18:46
Benzo (g,h,i) perylene	< 10.0	ug/L		6/10/2016 18:46
Benzo (k) fluoranthene	< 10.0	ug/L		6/10/2016 18:46
Chrysene	< 10.0	ug/L		6/10/2016 18:46
Dibenz (a,h) anthracene	< 10.0	ug/L		6/10/2016 18:46
Fluoranthene	< 10.0	ug/L		6/10/2016 18:46
Fluorene	< 10.0	ug/L		6/10/2016 18:46
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		6/10/2016 18:46
Naphthalene	< 10.0	ug/L		6/10/2016 18:46
Phenanthrene	< 10.0	ug/L		6/10/2016 18:46
Pyrene	< 10.0	ug/L		6/10/2016 18:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	76.3	37.7 - 97.5		6/10/2016 18:46
Nitrobenzene-d5	81.0	46.4 - 96.6		6/10/2016 18:46
Terphenyl-d14	81.5	56.1 - 109		6/10/2016 18:46

 Method Reference(s): EPA 625
 Preparation Date: 6/10/2016
 Data File: B12240.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		6/14/2016 15:44
Ethylbenzene	< 2.00	ug/L		6/14/2016 15:44
m,p-Xylene	< 2.00	ug/L		6/14/2016 15:44
Methyl tert-butyl Ether	< 2.00	ug/L		6/14/2016 15:44

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Client: Matrix Environmental

Project Reference: Bergmann - 1200 E. Main St.

Sample Identifier: Post Stripper

Lab Sample ID: 162364-02

Date Sampled: 6/8/2016

Matrix: Groundwater

Date Received: 6/8/2016

o-Xylene < 2.00 ug/L 6/14/2016 15:44

Toluene < 2.00 ug/L 6/14/2016 15:44

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	94.9	81.1 - 122		6/14/2016 15:44
4-Bromofluorobenzene	92.1	78.7 - 116		6/14/2016 15:44
Pentafluorobenzene	101	88.6 - 112		6/14/2016 15:44
Toluene-D8	96.6	88.9 - 110		6/14/2016 15:44

Method Reference(s): EPA 624
Data File: x33199.D



Analytical Report Appendix

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"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

CHAIN OF CUSTODY

10F2



REPORT TO:		INVOICE TO:	
CLIENT: <u>Matrix Env/Health</u>	CLIENT: <u>Same</u>	LAB PROJECT ID	
ADDRESS: <u>Matrix Env/Health</u>	ADDRESS:	<u>162364</u>	
CITY:	STATE:	CITY:	STATE:
ZIP:	ZIP:	STATE:	ZIP:
PHONE: <u>716-662-0745</u>	PHONE:	Quotation #:	
ATTN: <u>Steve Mandel</u>	ATTN:	Email:	
PROJECT REFERENCE <u>Bergmann - 1200 E. Main St</u>		REQUESTED ANALYSIS	
Matrix Codes: AQ - Aqueous Liquid NQ - Non-Aqueous Liquid		WA - Water WG - Groundwater	DW - Drinking Water WW - Wastewater SO - Soil SL - Sludge
SD - Solid PT - Paint	WP - Wipe CK - Caulk	OL - Oil AR - Air	

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRADES	SAMPLE IDENTIFIER	MATERIALS	CONTAINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
6-8-16	14:25	X	X	Pave Stripper	WG 2	X		01
6-8-16	14:30	X	X	Post Stripper	WG 3	XX		02

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day <input checked="" type="checkbox"/>	None Required <input type="checkbox"/>
10 day <input type="checkbox"/>	Batch QC <input type="checkbox"/>
Rush 3 day <input type="checkbox"/>	Category A <input type="checkbox"/>
Rush 2 day <input type="checkbox"/>	Category B <input type="checkbox"/>
Rush 1 day <input type="checkbox"/>	Other <input type="checkbox"/>
Other <input type="checkbox"/>	Other EDD <input type="checkbox"/>
	Other <input type="checkbox"/>

Sampled By: <u>Steve Mandel</u>	Date/Time: <u>6-8-16 14:55</u>	Total Cost:
Relinquished By: <u>John G. Miller</u>	Date/Time: <u>6-8-16 14:57</u>	
Received By: <u>John G. Miller</u>	Date/Time: <u>6/8/16 15:09</u>	P.I.F. <input type="checkbox"/>
Received @ Lab By: <u>John G. Miller</u>	Date/Time: <u>6/8/16 15:05</u>	

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



2 of 2

Chain of Custody Supplement

Client: Matrix Environmental

Completed by: Glen Pezzulo

Lab Project ID: 162364

Date: 6/8/16

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> VOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> SVOA 625	<input type="checkbox"/>	<input type="checkbox"/>
Comments	VOA 624: Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	17°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



ALS Environmental
ALS Group USA, Corp
1565 Jefferson Rd, Building 300, Suite 360
Rochester, NY 14623
T: 585-288-5380
F: 585-288-8475
www.alsglobal.com

June 15, 2016

Analytical Report for Service Request No: R1605335

Mr. Steve Marchetti
Matrix Environmental & Geotechnical Services, Incorporated
3730 California Rd
Orchard Park, NY 14127

Laboratory Results for: COR 1200 E. Main St./12-041

Dear Mr. Marchetti:

Enclosed are the results of the sample(s) submitted to our laboratory on May 23, 2016. For your reference, these analyses have been assigned our service request number **R1605335**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7478. You may also contact me via email at Vanessa.Badman@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Vanessa Badman
Customer Service Manager

Page 1 of _____

LABORATORY REPORT

June 3, 2016

Steve Marchetti
Matrix Environmental & Geotechnical Services, Incorporated
3730 California Rd
Orchard Park, NY 14127

RE: COR 1200 E. Main St. / 12-041

Dear Steve:

Enclosed are the results of the samples submitted to our laboratory on May 24, 2016. For your reference, these analyses have been assigned our service request number R1605335.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental



By Kate Aguilera at 9:39 am, Jun 03, 2016

Kate Aguilera
Project Manager

Client: Matrix Environmental & Geotechnical Services, Incorporated
Project: COR 1200 E. Main St. / 12-041

Service Request No: R1605335
New York Lab ID: 11221

CASE NARRATIVE

The samples were received intact under chain of custody at the Simi Valley facility on May 24, 2016 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The samples were analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph/mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. According to the method, the use of Tedlar bags is considered a method modification. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation, however it is not part of the AIHA-LAP accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
AIHA	http://www.aihaaccreditedlabs.org	101661
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0694
DoD ELAP	http://www.pjlab.com/search-accredited-labs	L15-398
Florida DOH (NELAP)	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E871020
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/water/dwp-services/labcert/labcert.htm	2014025
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	977273
New Jersey DEP (NELAP)	http://www.nj.gov/dep/oqa/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-003
Pennsylvania DEP	http://www.depweb.state.pa.us/labs	68-03307 (Registration)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704413-15-6
Utah DOH (NELAP)	http://www.health.utah.gov/lab/labimp/certification/index.html	CA01627201 5-5
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Matrix Environmental & Geotechnical Services, Incorporated
Project ID: COR 1200 E. Main St. / 12-041

Service Request: R1605335

Date Received: 5/23/2016
Time Received: 14:20

TO-15 Modified - VOC Bags

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	
INFLUENT (Pre Carbon)	R1605335-001	Air	5/23/2016	00:00	X
EFFLUENT (Post Carbon)	R1605335-002	Air	5/23/2016	12:15	X

Intra-Network Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Deb Patton

Project Name: Air
Project Number:
Project Manager: Steve Marchetti
Company: Matrix Environmental & Geotechnical Services, Incorporated
QAP: LAB QAP

VOC Bags
 TO-15 Modified

Lab Code	Client Sample ID	# of Cont.	Matrix	Sample		Date Received	Send To	I
				Date	Time			
	INFLUENT		Air	5/23/16		5/23/16	SIMIVALLEY	I
	EFFLUENT		Air	5/23/16	1215	5/23/16	SIMIVALLEY	I

Special Instructions/Comments	Turnaround Requirements ___ RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 ___ STANDARD Requested FAX Date: _____ Requested Report Date: 06/03/16	Report Requirements ___ I. Results Only ___ II. Results + QC Summaries ___ III. Results + QC and Calibration Summaries ___ IV. Data Validation Report with Raw Data PQL/MDL/J <u> N </u> EDD <u> N </u>	Invoice Information
			PO# 58R1605335
pH Checked _____			Bill to

Relinquished By: Matt S/23/16 1455 Received By: [Signature] Airbill Number: 5/24/16 1000

**ALS Environmental
Sample Acceptance Check Form**

Client: Matrix Environmental & Geotechnical Services, Incorporated Work order: R1605335
 Project: Air
 Sample(s) received on: 5/24/16 Date opened: 5/24/16 by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1 Were sample containers properly marked with client sample ID? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Did sample containers arrive in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Were chain-of-custody papers used and filled out? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 Did sample container labels and/or tags agree with custody papers? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 Was sample volume received adequate for analysis? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 Are samples within specified holding times? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Was proper temperature (thermal preservation) of cooler at receipt adhered to? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 Were custody seals on outside of cooler/Box/Container? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Location of seal(s)? _____ Sealing Lid? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were signature and date included? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were seals intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 Do containers have appropriate preservation , according to method/SOP or Client specified information? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Is there a client indication that the submitted samples are pH preserved? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were VOA vials checked for presence/absence of air bubbles? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 Tubes: Are the tubes capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 Badges: Are the badges properly capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Are dual bed badges separated and individually capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
R1605335-001.01	1.0 L Tedlar Bag					
R1605335-002.01	1.0 L Tedlar Bag					

Explain any discrepancies: (include lab sample ID numbers): _____
 The samples were received at ALS-Rochester on 5/23/16.

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: INFLUENT (Pre Carbon)

ALS Project ID: R1605335

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Sample ID: R1605335-001

Test Code: EPA TO-15 Modified

Date Collected: 5/23/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 5/23/16

Analyst: Wida Ang

Date Analyzed: 5/24/16

Sample Type: 1.0 L Tedlar Bag

Volume(s) Analyzed: 0.00050 Liter(s)

Test Notes:

0.00015 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1,000	ND	580	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1,000	ND	200	
74-87-3	Chloromethane	ND	1,000	ND	480	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1,000	ND	140	
75-01-4	Vinyl Chloride	ND	1,000	ND	390	
106-99-0	1,3-Butadiene	ND	1,000	ND	450	
74-83-9	Bromomethane	ND	1,000	ND	260	
75-00-3	Chloroethane	ND	1,000	ND	380	
64-17-5	Ethanol	ND	10,000	ND	5,300	
75-05-8	Acetonitrile	ND	1,000	ND	600	
107-02-8	Acrolein	ND	4,000	ND	1,700	
67-64-1	Acetone	ND	10,000	ND	4,200	
75-69-4	Trichlorofluoromethane	ND	1,000	ND	180	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	10,000	ND	4,100	
107-13-1	Acrylonitrile	ND	1,000	ND	460	
75-35-4	1,1-Dichloroethene	ND	1,000	ND	250	
75-09-2	Methylene Chloride	ND	1,000	ND	290	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1,000	ND	320	
76-13-1	Trichlorotrifluoroethane	ND	1,000	ND	130	
75-15-0	Carbon Disulfide	ND	10,000	ND	3,200	
156-60-5	trans-1,2-Dichloroethene	ND	1,000	ND	250	
75-34-3	1,1-Dichloroethane	ND	1,000	ND	250	
1634-04-4	Methyl tert-Butyl Ether	ND	1,000	ND	280	
108-05-4	Vinyl Acetate	ND	10,000	ND	2,800	
78-93-3	2-Butanone (MEK)	ND	10,000	ND	3,400	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: INFLUENT (Pre Carbon)

ALS Project ID: R1605335

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Sample ID: R1605335-001

Test Code: EPA TO-15 Modified

Date Collected: 5/23/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 5/23/16

Analyst: Wida Ang

Date Analyzed: 5/24/16

Sample Type: 1.0 L Tedlar Bag

Volume(s) Analyzed: 0.00050 Liter(s)

Test Notes:

0.00015 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	1,000	ND	250	
141-78-6	Ethyl Acetate	ND	2,000	ND	560	
110-54-3	n-Hexane	270,000	3,300	77,000	950	D
67-66-3	Chloroform	ND	1,000	ND	200	
109-99-9	Tetrahydrofuran (THF)	ND	1,000	ND	340	
107-06-2	1,2-Dichloroethane	ND	1,000	ND	250	
71-55-6	1,1,1-Trichloroethane	ND	1,000	ND	180	
71-43-2	Benzene	1,900	1,000	610	310	
56-23-5	Carbon Tetrachloride	ND	1,000	ND	160	
110-82-7	Cyclohexane	28,000	2,000	8,200	580	
78-87-5	1,2-Dichloropropane	ND	1,000	ND	220	
75-27-4	Bromodichloromethane	ND	1,000	ND	150	
79-01-6	Trichloroethene	ND	1,000	ND	190	
123-91-1	1,4-Dioxane	ND	1,000	ND	280	
80-62-6	Methyl Methacrylate	ND	2,000	ND	490	
142-82-5	n-Heptane	76,000	1,000	18,000	240	
10061-01-5	cis-1,3-Dichloropropene	ND	1,000	ND	220	
108-10-1	4-Methyl-2-pentanone	ND	1,000	ND	240	
10061-02-6	trans-1,3-Dichloropropene	ND	1,000	ND	220	
79-00-5	1,1,2-Trichloroethane	ND	1,000	ND	180	
108-88-3	Toluene	17,000	1,000	4,400	270	
591-78-6	2-Hexanone	ND	1,000	ND	240	
124-48-1	Dibromochloromethane	ND	1,000	ND	120	
106-93-4	1,2-Dibromoethane	ND	1,000	ND	130	
123-86-4	n-Butyl Acetate	ND	1,000	ND	210	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

D = The reported result is from a dilution.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: INFLUENT (Pre Carbon)

ALS Project ID: R1605335

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Sample ID: R1605335-001

Test Code: EPA TO-15 Modified

Date Collected: 5/23/16

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Date Received: 5/23/16

Analyst: Wida Ang

Date Analyzed: 5/24/16

Sample Type: 1.0 L Tedlar Bag

Volume(s) Analyzed: 0.00050 Liter(s)

Test Notes:

0.00015 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	18,000	1,000	3,900	210	
127-18-4	Tetrachloroethene	ND	1,000	ND	150	
108-90-7	Chlorobenzene	ND	1,000	ND	220	
100-41-4	Ethylbenzene	12,000	1,000	2,800	230	
179601-23-1	m,p-Xylenes	38,000	2,000	8,800	460	
75-25-2	Bromoform	ND	1,000	ND	97	
100-42-5	Styrene	ND	1,000	ND	230	
95-47-6	o-Xylene	4,900	1,000	1,100	230	
111-84-2	n-Nonane	4,000	1,000	770	190	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1,000	ND	150	
98-82-8	Cumene	1,000	1,000	210	200	
80-56-8	alpha-Pinene	ND	1,000	ND	180	
103-65-1	n-Propylbenzene	2,600	1,000	530	200	
622-96-8	4-Ethyltoluene	3,400	1,000	700	200	
108-67-8	1,3,5-Trimethylbenzene	3,400	1,000	690	200	
95-63-6	1,2,4-Trimethylbenzene	7,200	1,000	1,500	200	
100-44-7	Benzyl Chloride	ND	1,000	ND	190	
541-73-1	1,3-Dichlorobenzene	ND	1,000	ND	170	
106-46-7	1,4-Dichlorobenzene	ND	1,000	ND	170	
95-50-1	1,2-Dichlorobenzene	ND	1,000	ND	170	
5989-27-5	d-Limonene	ND	1,000	ND	180	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1,000	ND	100	
120-82-1	1,2,4-Trichlorobenzene	ND	1,000	ND	130	
91-20-3	Naphthalene	ND	1,000	ND	190	
87-68-3	Hexachlorobutadiene	ND	1,000	ND	94	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated
Client Sample ID: EFFLUENT (Post Carbon)
Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335
 ALS Sample ID: R1605335-002

Test Code: EPA TO-15 Modified
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Wida Ang
 Sample Type: 1.0 L Tedlar Bag
 Test Notes:

Date Collected: 5/23/16
 Date Received: 5/23/16
 Date Analyzed: 5/24/16
 Volume(s) Analyzed: 0.10 Liter(s)

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
115-07-1	Propene	ND	5.0	ND	2.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	5.0	ND	1.0	
74-87-3	Chloromethane	ND	5.0	ND	2.4	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	5.0	ND	0.72	
75-01-4	Vinyl Chloride	ND	5.0	ND	2.0	
106-99-0	1,3-Butadiene	ND	5.0	ND	2.3	
74-83-9	Bromomethane	ND	5.0	ND	1.3	
75-00-3	Chloroethane	ND	5.0	ND	1.9	
64-17-5	Ethanol	ND	50	ND	27	
75-05-8	Acetonitrile	ND	5.0	ND	3.0	
107-02-8	Acrolein	ND	20	ND	8.7	
67-64-1	Acetone	100	50	43	21	
75-69-4	Trichlorofluoromethane	ND	5.0	ND	0.89	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	50	ND	20	
107-13-1	Acrylonitrile	ND	5.0	ND	2.3	
75-35-4	1,1-Dichloroethene	ND	5.0	ND	1.3	
75-09-2	Methylene Chloride	ND	5.0	ND	1.4	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	5.0	ND	1.6	
76-13-1	Trichlorotrifluoroethane	ND	5.0	ND	0.65	
75-15-0	Carbon Disulfide	ND	50	ND	16	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	ND	1.3	
75-34-3	1,1-Dichloroethane	ND	5.0	ND	1.2	
1634-04-4	Methyl tert-Butyl Ether	ND	5.0	ND	1.4	
108-05-4	Vinyl Acetate	ND	50	ND	14	
78-93-3	2-Butanone (MEK)	ND	50	ND	17	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated
Client Sample ID: EFFLUENT (Post Carbon)
Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335
 ALS Sample ID: R1605335-002

Test Code: EPA TO-15 Modified
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Wida Ang
 Sample Type: 1.0 L Tedlar Bag
 Test Notes:

Date Collected: 5/23/16
 Date Received: 5/23/16
 Date Analyzed: 5/24/16
 Volume(s) Analyzed: 0.10 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	5.0	ND	1.3	
141-78-6	Ethyl Acetate	ND	10	ND	2.8	
110-54-3	n-Hexane	ND	5.0	ND	1.4	
67-66-3	Chloroform	ND	5.0	ND	1.0	
109-99-9	Tetrahydrofuran (THF)	7.0	5.0	2.4	1.7	
107-06-2	1,2-Dichloroethane	ND	5.0	ND	1.2	
71-55-6	1,1,1-Trichloroethane	ND	5.0	ND	0.92	
71-43-2	Benzene	ND	5.0	ND	1.6	
56-23-5	Carbon Tetrachloride	ND	5.0	ND	0.80	
110-82-7	Cyclohexane	ND	10	ND	2.9	
78-87-5	1,2-Dichloropropane	ND	5.0	ND	1.1	
75-27-4	Bromodichloromethane	ND	5.0	ND	0.75	
79-01-6	Trichloroethene	ND	5.0	ND	0.93	
123-91-1	1,4-Dioxane	ND	5.0	ND	1.4	
80-62-6	Methyl Methacrylate	ND	10	ND	2.4	
142-82-5	n-Heptane	ND	5.0	ND	1.2	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	ND	1.1	
108-10-1	4-Methyl-2-pentanone	ND	5.0	ND	1.2	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	ND	1.1	
79-00-5	1,1,2-Trichloroethane	ND	5.0	ND	0.92	
108-88-3	Toluene	28	5.0	7.4	1.3	
591-78-6	2-Hexanone	ND	5.0	ND	1.2	
124-48-1	Dibromochloromethane	ND	5.0	ND	0.59	
106-93-4	1,2-Dibromoethane	ND	5.0	ND	0.65	
123-86-4	n-Butyl Acetate	ND	5.0	ND	1.1	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: EFFLUENT (Post Carbon)

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335

ALS Sample ID: R1605335-002

Test Code: EPA TO-15 Modified

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Wida Ang

Sample Type: 1.0 L Tedlar Bag

Test Notes:

Date Collected: 5/23/16

Date Received: 5/23/16

Date Analyzed: 5/24/16

Volume(s) Analyzed: 0.10 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	5.0	ND	1.1	
127-18-4	Tetrachloroethene	ND	5.0	ND	0.74	
108-90-7	Chlorobenzene	ND	5.0	ND	1.1	
100-41-4	Ethylbenzene	5.2	5.0	1.2	1.2	
179601-23-1	m,p-Xylenes	21	10	4.9	2.3	
75-25-2	Bromoform	ND	5.0	ND	0.48	
100-42-5	Styrene	ND	5.0	ND	1.2	
95-47-6	o-Xylene	8.2	5.0	1.9	1.2	
111-84-2	n-Nonane	ND	5.0	ND	0.95	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	ND	0.73	
98-82-8	Cumene	ND	5.0	ND	1.0	
80-56-8	alpha-Pinene	ND	5.0	ND	0.90	
103-65-1	n-Propylbenzene	ND	5.0	ND	1.0	
622-96-8	4-Ethyltoluene	ND	5.0	ND	1.0	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ND	1.0	
95-63-6	1,2,4-Trimethylbenzene	8.6	5.0	1.8	1.0	
100-44-7	Benzyl Chloride	ND	5.0	ND	0.97	
541-73-1	1,3-Dichlorobenzene	ND	5.0	ND	0.83	
106-46-7	1,4-Dichlorobenzene	ND	5.0	ND	0.83	
95-50-1	1,2-Dichlorobenzene	ND	5.0	ND	0.83	
5989-27-5	d-Limonene	14	5.0	2.4	0.90	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ND	0.52	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ND	0.67	
91-20-3	Naphthalene	ND	5.0	ND	0.95	
87-68-3	Hexachlorobutadiene	ND	5.0	ND	0.47	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: Method Blank

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335

ALS Sample ID: P160524-MB

Test Code: EPA TO-15 Modified

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Wida Ang

Sample Type: 1.0 L Tedlar Bag

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 5/24/16

Volume(s) Analyzed: 1.00 Liter(s)

CAS #	Compound	Result	MRL	Result	MRL	Data Qualifier
		µg/m ³	µg/m ³	ppbV	ppbV	
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
64-17-5	Ethanol	ND	5.0	ND	2.7	
75-05-8	Acetonitrile	ND	0.50	ND	0.30	
107-02-8	Acrolein	ND	2.0	ND	0.87	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	5.0	ND	2.0	
107-13-1	Acrylonitrile	ND	0.50	ND	0.23	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene Chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	5.0	ND	1.6	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	5.0	ND	1.4	
78-93-3	2-Butanone (MEK)	ND	5.0	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: Method Blank

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335

ALS Sample ID: P160524-MB

Test Code: EPA TO-15 Modified

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Wida Ang

Sample Type: 1.0 L Tedlar Bag

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 5/24/16

Volume(s) Analyzed: 1.00 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
80-62-6	Methyl Methacrylate	ND	1.0	ND	0.24	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
123-86-4	n-Butyl Acetate	ND	0.50	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 3 of 3

Client: Matrix Environmental & Geotechnical Services, Incorporated

Client Sample ID: Method Blank

Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335

ALS Sample ID: P160524-MB

Test Code: EPA TO-15 Modified

Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9

Analyst: Wida Ang

Sample Type: 1.0 L Tedlar Bag

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 5/24/16

Volume(s) Analyzed: 1.00 Liter(s)

CAS #	Compound	Result µg/m ³	MRL µg/m ³	Result ppbV	MRL ppbV	Data Qualifier
111-65-9	n-Octane	ND	0.50	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
111-84-2	n-Nonane	ND	0.50	ND	0.095	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
98-82-8	Cumene	ND	0.50	ND	0.10	
80-56-8	alpha-Pinene	ND	0.50	ND	0.090	
103-65-1	n-Propylbenzene	ND	0.50	ND	0.10	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
5989-27-5	d-Limonene	ND	0.50	ND	0.090	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	ND	0.052	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
91-20-3	Naphthalene	ND	0.50	ND	0.095	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.

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ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Matrix Environmental & Geotechnical Services, Incorporated
Client Project ID: COR 1200 E. Main St. / 12-041

ALS Project ID: R1605335

Test Code: EPA TO-15 Modified
 Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
 Analyst: Wida Ang
 Sample Type: 1.0 L Tedlar Bag(s)
 Test Notes:

Date(s) Collected: 5/23/16
 Date(s) Received: 5/23/16
 Date(s) Analyzed: 5/24/16

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4	Toluene-d8	Bromofluorobenzene	Acceptance Limits	Data Qualifier
		Percent Recovered	Percent Recovered	Percent Recovered		
Method Blank	P160524-MB	101	100	107	70-130	
INFLUENT (Pre Carbon)	R1605335-001	95	99	109	70-130	
EFFLUENT (Post Carbon)	R1605335-002	97	101	118	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

162519

Referencing

COR 1200 E. Main Street, 12-041

Prepared

Thursday, June 23, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, consisting of several overlapping, slanted strokes, positioned above a horizontal line.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, June 23, 2016

Page 1 of 8



Client: Matrix Environmental
Project Reference: COR 1200 E. Main Street, 12-041

Sample Identifier: Pre-Stripper
Lab Sample ID: 162519-01
Matrix: Water

Date Sampled: 6/16/2016
Date Received: 6/16/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	1.42	ug/L		6/17/2016 22:17
Ethylbenzene	11.2	ug/L		6/17/2016 22:17
m,p-Xylene	76.9	ug/L		6/17/2016 22:17
Methyl tert-butyl Ether	< 2.00	ug/L		6/17/2016 22:17
o-Xylene	18.5	ug/L		6/17/2016 22:17
Toluene	2.90	ug/L		6/17/2016 22:17
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	91.3	81.1 - 122		6/17/2016 22:17
4-Bromofluorobenzene	97.8	78.7 - 116		6/17/2016 22:17
Pentafluorobenzene	101	88.6 - 112		6/17/2016 22:17
Toluene-D8	102	88.9 - 110		6/17/2016 22:17

Method Reference(s): EPA 624
Data File: x33354.D

Client: Matrix Environmental
Project Reference: COR 1200 E. Main Street, 12-041

Sample Identifier: Post-Stripper
Lab Sample ID: 162519-02 **Date Sampled:** 6/16/2016
Matrix: Water **Date Received:** 6/16/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		6/17/2016 23:08
Acenaphthylene	< 10.0	ug/L		6/17/2016 23:08
Anthracene	< 10.0	ug/L		6/17/2016 23:08
Benzo (a) anthracene	< 10.0	ug/L		6/17/2016 23:08
Benzo (a) pyrene	< 10.0	ug/L		6/17/2016 23:08
Benzo (b) fluoranthene	< 10.0	ug/L		6/17/2016 23:08
Benzo (g,h,i) perylene	< 10.0	ug/L		6/17/2016 23:08
Benzo (k) fluoranthene	< 10.0	ug/L		6/17/2016 23:08
Chrysene	< 10.0	ug/L		6/17/2016 23:08
Dibenz (a,h) anthracene	< 10.0	ug/L		6/17/2016 23:08
Fluoranthene	< 10.0	ug/L		6/17/2016 23:08
Fluorene	< 10.0	ug/L		6/17/2016 23:08
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		6/17/2016 23:08
Naphthalene	< 10.0	ug/L		6/17/2016 23:08
Phenanthrene	< 10.0	ug/L		6/17/2016 23:08
Pyrene	< 10.0	ug/L		6/17/2016 23:08

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	66.3	37.7 - 97.5		6/17/2016 23:08
Nitrobenzene-d5	64.1	46.4 - 96.6		6/17/2016 23:08
Terphenyl-d14	69.6	56.1 - 109		6/17/2016 23:08

Method Reference(s): EPA 625
Preparation Date: 6/17/2016
Data File: B12387.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		6/17/2016 21:53
Ethylbenzene	< 2.00	ug/L		6/17/2016 21:53
m,p-Xylene	< 2.00	ug/L		6/17/2016 21:53
Methyl tert-butyl Ether	< 2.00	ug/L		6/17/2016 21:53

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Client: Matrix Environmental

Project Reference: COR 1200 E. Main Street, 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 162519-02

Date Sampled: 6/16/2016

Matrix: Water

Date Received: 6/16/2016

o-Xylene < 2.00 ug/L 6/17/2016 21:53

Toluene < 2.00 ug/L 6/17/2016 21:53

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	94.1	81.1 - 122		6/17/2016 21:53
4-Bromofluorobenzene	95.2	78.7 - 116		6/17/2016 21:53
Pentafluorobenzene	100	88.6 - 112		6/17/2016 21:53
Toluene-D8	100	88.9 - 110		6/17/2016 21:53

Method Reference(s): EPA 624
Data File: x33353.D



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

2012



Chain of Custody Supplement

Client: Matrix Completed by: Molly Fair
 Lab Project ID: 162519 Date: 6/16/16

Sample Condition Requirements
 Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	<u>VOA: Cl⁻ neg.</u>		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	<u>22°C 6/16/16 1427</u>		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10353084
 Project Name: 12-041 Bengmann-1200 Main St

Lab Sample No: 10353084001 ProjSampleNum: 10353084001 Date Collected: 06/22/16 10:00
 Client Sample ID: Influent Matrix: Air Date Received: 06/23/16 9:15

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-3 Air							
Benzene	8440	ug/m3	585	1.8	06/28/16 11:47 RTP	71-43-2	A4
Ethylbenzene	12800	ug/m3	795	1.8	06/28/16 11:47 RTP	100-41-4	
m&p-Xylene	45500	ug/m3	1590	1.8	06/28/16 11:47 RTP	179601-23-1	
Methyl-tert-butyl ether	14700	ug/m3	660	1.8	06/28/16 11:47 RTP	1634-04-4	
o-Xylene	11500	ug/m3	795	1.8	06/28/16 11:47 RTP	95-47-6	
Toluene	21100	ug/m3	690	1.8	06/28/16 11:47 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
 Units Conversion Request



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10353084
 Project Name: 12-041 Bengmann-1200 Main St

Lab Sample No: 10353084002 ProjSampleNum: 10353084002 Date Collected: 06/22/16 10:20
 Client Sample ID: Effluent Matrix: Air Date Received: 06/23/16 9:15

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
------------	---------	-------	--------------	----	----------	---------	------------

Air

TO-3 Air							
Benzene	3150	ug/m3	552	1.68	06/28/16 12:12 RTP	71-43-2	A4
Ethylbenzene	1020	ug/m3	750	1.68	06/28/16 12:12 RTP	100-41-4	
m&p-Xylene	1630	ug/m3	1500	1.68	06/28/16 12:12 RTP	179601-23-1	
Methyl-tert-butyl ether	10600	ug/m3	623	1.68	06/28/16 12:12 RTP	1634-04-4	
o-Xylene	ND	ug/m3	750	1.68	06/28/16 12:12 RTP	95-47-6	
Toluene	ND	ug/m3	651	1.68	06/28/16 12:12 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT

Units Conversion Request



Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
Phone: (716)662-0745

Lab Project Number: 10353084
Project Name: 12-041 Bengmann-1200 Main St

PARAMETER FOOTNOTES

ND Not detected at or above adjusted reporting limit

NC Not Calculable

J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

[A4] Sample was transferred from a sampling bag into a Summa Canister within 48 hours of collection.

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 6/30/2016

Page 3

June 30, 2016

Christine Curtis
Matrix
95 Brown Road, M/S 1052
Ithaca, NY 14850

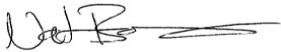
RE: Project: 12-041 Bengmann-1200 Main St
Pace Project No.: 10353084

Dear Christine Curtis:

Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Nathan Boberg
nathan.boberg@pacelabs.com
Project Manager

Enclosures

cc: Rob Gill, Matrix Environmental Tech



aPPENDIX 6

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

525 N 8th Street, Salina, KS 67401

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10353084001	Influent	Air	06/22/16 10:00	06/23/16 09:15
10353084002	Effluent	Air	06/22/16 10:20	06/23/16 09:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10353084001	Influent	TO-3 Air	RTP	6
10353084002	Effluent	TO-3 Air	RTP	6

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

Sample: Influent		Lab ID: 10353084001	Collected: 06/22/16 10:00	Received: 06/23/16 09:15	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	2.6	ppmv	0.18	1.8		06/28/16 11:47	71-43-2	A4
Ethylbenzene	2.9	ppmv	0.18	1.8		06/28/16 11:47	100-41-4	
Methyl-tert-butyl ether	4.0	ppmv	0.18	1.8		06/28/16 11:47	1634-04-4	
Toluene	5.5	ppmv	0.18	1.8		06/28/16 11:47	108-88-3	
m&p-Xylene	10.3	ppmv	0.36	1.8		06/28/16 11:47	179601-23-1	
o-Xylene	2.6	ppmv	0.18	1.8		06/28/16 11:47	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

Sample: Effluent		Lab ID: 10353084002	Collected: 06/22/16 10:20	Received: 06/23/16 09:15	Matrix: Air			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO3 GCV AIR BTEX BAG		Analytical Method: TO-3 Air						
Benzene	0.97	ppmv	0.17	1.68		06/28/16 12:12	71-43-2	A4
Ethylbenzene	0.23	ppmv	0.17	1.68		06/28/16 12:12	100-41-4	
Methyl-tert-butyl ether	2.9	ppmv	0.17	1.68		06/28/16 12:12	1634-04-4	
Toluene	ND	ppmv	0.17	1.68		06/28/16 12:12	108-88-3	
m&p-Xylene	0.37	ppmv	0.34	1.68		06/28/16 12:12	179601-23-1	
o-Xylene	ND	ppmv	0.17	1.68		06/28/16 12:12	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 12-041 Bengmann-1200 Main St
Pace Project No.: 10353084

QC Batch: AIR/26217 Analysis Method: TO-3 Air
QC Batch Method: TO-3 Air Analysis Description: TO3 GCV AIR BTEX BAG
Associated Lab Samples: 10353084001, 10353084002

METHOD BLANK: 2297610 Matrix: Air
Associated Lab Samples: 10353084001, 10353084002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ppmv	ND	0.10	06/28/16 08:58	
Ethylbenzene	ppmv	ND	0.10	06/28/16 08:58	
m&p-Xylene	ppmv	ND	0.20	06/28/16 08:58	
Methyl-tert-butyl ether	ppmv	ND	0.10	06/28/16 08:58	
o-Xylene	ppmv	ND	0.10	06/28/16 08:58	
Toluene	ppmv	ND	0.10	06/28/16 08:58	
a,a,a-Trifluorotoluene (S)	%	97	30-150	06/28/16 08:58	

LABORATORY CONTROL SAMPLE & LCSD: 2297611

Parameter	Units	Spike Conc.	2297612				% Rec Limits	RPD	Max RPD	Qualifiers
			LCS Result	LCSD Result	LCS % Rec	LCSD % Rec				
Benzene	ppmv	1	0.90	0.82	90	82	70-130	10	30	
Ethylbenzene	ppmv	1	0.95	0.87	95	87	70-130	9	30	
m&p-Xylene	ppmv	2	1.9	1.7	97	86	70-130	12	30	
Methyl-tert-butyl ether	ppmv	1	0.90	0.82	90	82	70-130	9	30	
o-Xylene	ppmv	1	0.97	0.83	97	83	70-130	16	30	
Toluene	ppmv	1	0.91	0.83	91	83	70-130	9	30	
a,a,a-Trifluorotoluene (S)	%				89	88	30-150			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

A4 Sample was transferred from a sampling bag into a Summa Canister within 48 hours of collection.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 12-041 Bengmann-1200 Main St

Pace Project No.: 10353084

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10353084001	Influent	TO-3 Air	AIR/26217		
10353084002	Effluent	TO-3 Air	AIR/26217		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

10353084

Section A
Required Client Information:
Company: Matrix Earth Tech.
Address: _____
Phone: 716-662-0795 Fax: _____
Requested Due Date/TAT: _____

Section B
Required Project Information:
Report To: Steve Marchetti
Copy To: _____
Purchase Order No.: 98
Project Name: Bergman - 1300 Main St.
Project Number: 12091

Section C
Invoice Information:
Attention: _____
Company Name: _____
Address: _____
Pace Quote Reference: _____
Pace Project Manager: _____
Pace Profile #: _____

REGULATORY AGENCY
 NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER
 Site Location: _____ STATE: NY

Page: 1 of 1
1714581

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Requested Analysis Filtered (Y/N)	Pace Project No./ Lab I.D.
					COMPOSITE START	COMPOSITE END/GRAB					
1	Influent Effluent	DW WT WW P SL OL WP AR TS OT	AR G AR G	G	DATE	TIME	DATE	TIME	Unpreserved H ₂ SO ₄ HNO ₃ HCl NaOH Na ₂ S ₂ O ₃ Methanol Other		Pace Project No./ Lab I.D. <u>Report in pg 13 001</u> <u>11 11 11 002</u>
2					6-22	10:00		1 X			
3					6-22	10:20		1 X			
4											
5											
6											
7											
8											
9											
10											
11											
12											

ADDITIONAL COMMENTS
Please report results in 19/m³
Sample with - Matrix 6-22-16 11:00
Signature

RELINQUISHED BY / AFFILIATION: _____ DATE: _____ TIME: _____
 ACCEPTED BY / AFFILIATION: _____ DATE: 6-23-16 TIME: 0915
 SAMPLE CONDITIONS: N N Y

Temp In °C: _____
 Received on: _____
 Custody Sealed Cooler (Y/N): _____
 Samples Intact (Y/N): _____

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: _____
 SIGNATURE of SAMPLER: Dave Greenberg
 DATE Signed (MM/DD/YYYY): 6-22-16



Document Name:
Air Sample-Condition Upon Receipt
Document No.:
F-MN-A-106-rev.11

Document Revised: 26APR2016
Page 1 of 1
Issuing Authority:
Pace Minnesota Quality Office

Air Sample Condition Upon Receipt

Client Name: Matrix Enviro Project #: _____

WO# : 10353084

10353084

Courier: Fed Ex UPS Speedee Client
 Commercial Pace Other: _____

Tracking Number: 1ZF09 841 014631 4019

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Optional: Proj. Due Date: _____ Proj. Name: _____

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X Thermom. Used: 888A912167504 151401163
 888A0143310098 151401164

Temp should be above freezing to 6°C Correction Factor: X Date & Initials of Person Examining Contents: 6/23/16

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72 hr)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>T-Bag</u>
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Media: Air Can <u>Airbag</u> Filter TDT Passive		11.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.

Samples Received:					
Canisters			Canisters		
Sample Number	Can ID	Flow Controller ID	Sample Number	Can ID	Flow Controller ID

CLIENT NOTIFICATION/RESOLUTION Field Data Required? Yes No
 Person Contacted: _____ Date/Time: _____
 Comments/Resolution: _____

Project Manager Review: Kathleen Poberg Date: 6/23/16

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10355432
 Project Name: 12-041 Bengmann-1200 E. Main

Lab Sample No: 10355432001
 Client Sample ID: Influent

ProjSampleNum: 10355432001
 Matrix: Air

Date Collected: 07/13/16 10:20
 Date Received: 07/14/16 9:25

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-3 Air							
Benzene	4550	ug/m3	1620	5	07/15/16 11:28 RTP	71-43-2	
Ethylbenzene	4860	ug/m3	2210	5	07/15/16 11:28 RTP	100-41-4	
m&p-Xylene	19400	ug/m3	4410	5	07/15/16 11:28 RTP	179601-23-1	
o-Xylene	8390	ug/m3	2210	5	07/15/16 11:28 RTP	95-47-6	
Toluene	20700	ug/m3	1920	5	07/15/16 11:28 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
 Units Conversion Request



Pace Analytical Services, Inc.
 1700 Elm Street – Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
 Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
 Phone: (716)662-0745

Lab Project Number: 10355432
 Project Name: 12-041 Bengmann-1200 E. Main

Lab Sample No: 10355432002
 Client Sample ID: Effluent

ProjSampleNum: 10355432002
 Matrix: Air

Date Collected: 07/13/16 10:30
 Date Received: 07/14/16 9:25

Parameters	Results	Units	Report Limit	DF	Analyzed	CAS No.	Qualifiers
Air							
TO-3 Air							
Benzene	2500	ug/m3	649	2	07/15/16 11:12 RTP	71-43-2	
Ethylbenzene	ND	ug/m3	883	2	07/15/16 11:12 RTP	100-41-4	
m&p-Xylene	ND	ug/m3	1770	2	07/15/16 11:12 RTP	179601-23-1	
o-Xylene	ND	ug/m3	883	2	07/15/16 11:12 RTP	95-47-6	
Toluene	ND	ug/m3	766	2	07/15/16 11:12 RTP	108-88-3	

DISCLAIMER: These results have been converted to the units shown from the original units of measurement assuming 20 degrees Celsius and 1 atmosphere pressure. Values were not rounded according to EPA rounding rules. THC is quantitated based on the average response factors of several compounds; the nominal molecular weight of THC used for units conversion is the average of the molecular weights of the compounds used for quantitation.

SUPPLEMENTAL REPORT
 Units Conversion Request



Pace Analytical Services, Inc.
1700 Elm Street – Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

ANALYTICAL RESULTS

Client: Matrix Environmental Tech
Phone: (716)662-0745

Lab Project Number: 10355432
Project Name: 12-041 Bengmann-1200 E. Main

PARAMETER FOOTNOTES

SUPPLEMENTAL REPORT

Units Conversion Request

Date: 7/22/2016

Page 3



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Matrix Environmental

For Lab Project ID

162947

Referencing

COR-1200 E. Main 12-041

Prepared

Wednesday, July 20, 2016

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

A handwritten signature in black ink, reading "K. R. Hansen", is written over a horizontal line. The signature is stylized and cursive.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, July 20, 2016

Page 1 of 8



Client: Matrix Environmental
Project Reference: COR-1200 E. Main 12-041

Sample Identifier: Pre-Stripper
Lab Sample ID: 162947-01 **Date Sampled:** 7/13/2016
Matrix: Groundwater **Date Received:** 7/13/2016

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		7/14/2016 21:27
Ethylbenzene	2.22	ug/L		7/14/2016 21:27
m,p-Xylene	33.4	ug/L		7/14/2016 21:27
Methyl tert-butyl Ether	< 2.00	ug/L		7/14/2016 21:27
o-Xylene	4.76	ug/L		7/14/2016 21:27
Toluene	< 2.00	ug/L		7/14/2016 21:27
Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	104	86 - 116		7/14/2016 21:27
4-Bromofluorobenzene	97.3	82.2 - 113		7/14/2016 21:27
Pentafluorobenzene	98.9	90.9 - 110		7/14/2016 21:27
Toluene-D8	98.1	90.8 - 109		7/14/2016 21:27

Method Reference(s): EPA 624
Data File: x33914.D

Client: Matrix Environmental
Project Reference: COR-1200 E. Main 12-041

Sample Identifier: Post-Stripper
Lab Sample ID: 162947-02 **Date Sampled:** 7/13/2016
Matrix: Groundwater **Date Received:** 7/13/2016

Semi-Volatile Organics (PAHs)

Analyte	Result	Units	Qualifier	Date Analyzed
Acenaphthene	< 10.0	ug/L		7/19/2016 18:40
Acenaphthylene	< 10.0	ug/L		7/19/2016 18:40
Anthracene	< 10.0	ug/L		7/19/2016 18:40
Benzo (a) anthracene	< 10.0	ug/L		7/19/2016 18:40
Benzo (a) pyrene	< 10.0	ug/L		7/19/2016 18:40
Benzo (b) fluoranthene	< 10.0	ug/L		7/19/2016 18:40
Benzo (g,h,i) perylene	< 10.0	ug/L		7/19/2016 18:40
Benzo (k) fluoranthene	< 10.0	ug/L		7/19/2016 18:40
Chrysene	< 10.0	ug/L		7/19/2016 18:40
Dibenz (a,h) anthracene	< 10.0	ug/L		7/19/2016 18:40
Fluoranthene	< 10.0	ug/L		7/19/2016 18:40
Fluorene	< 10.0	ug/L		7/19/2016 18:40
Indeno (1,2,3-cd) pyrene	< 10.0	ug/L		7/19/2016 18:40
Naphthalene	< 10.0	ug/L		7/19/2016 18:40
Phenanthrene	< 10.0	ug/L		7/19/2016 18:40
Pyrene	< 10.0	ug/L		7/19/2016 18:40

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
2-Fluorobiphenyl	67.4	41.5 - 97.8		7/19/2016 18:40
Nitrobenzene-d5	71.1	48 - 97.5		7/19/2016 18:40
Terphenyl-d14	72.5	55.2 - 109		7/19/2016 18:40

Method Reference(s): EPA 625
Preparation Date: 7/19/2016
Data File: B12983.D

Volatile Organics (BTEX)

Analyte	Result	Units	Qualifier	Date Analyzed
Benzene	< 1.00	ug/L		7/14/2016 21:50
Ethylbenzene	< 2.00	ug/L		7/14/2016 21:50
m,p-Xylene	< 2.00	ug/L		7/14/2016 21:50
Methyl tert-butyl Ether	< 2.00	ug/L		7/14/2016 21:50

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Client: Matrix Environmental

Project Reference: COR-1200 E. Main 12-041

Sample Identifier: Post-Stripper

Lab Sample ID: 162947-02

Date Sampled: 7/13/2016

Matrix: Groundwater

Date Received: 7/13/2016

o-Xylene < 2.00 ug/L 7/14/2016 21:50

Toluene < 2.00 ug/L 7/14/2016 21:50

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
1,2-Dichloroethane-d4	106	86 - 116		7/14/2016 21:50
4-Bromofluorobenzene	92.5	82.2 - 113		7/14/2016 21:50
Pentafluorobenzene	100	90.9 - 110		7/14/2016 21:50
Toluene-D8	96.4	90.8 - 109		7/14/2016 21:50

Method Reference(s): EPA 624
Data File: x33915.D



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

1 of 2



REPORT TO:

INVOICE TO:

PROJECT REFERENCE
 COR-1200 E. Main
 12-041

CLIENT: Matrix Env. Tech.
 ADDRESS: 716-662-0745
 CITY: STATE: ZIP: PHONE: 716-662-0745
 ATTN: Steve Marchetti

CLIENT: Same
 ADDRESS: CITY: STATE: ZIP: PHONE:
 ATTN:

LAB PROJECT ID: 162947
 Quotation #: Email:

REQUESTED ANALYSIS

Matrix Codes: Matrix Codes:
 AQ - Aqueous Liquid MA - Water DW - Drinking Water SO - Soil SD - Solid
 NA - Non-Aqueous Liquid WG - Groundwater WW - Wastewater SL - Sludge PT - Paint WP - Wipe CK - Caulk AR - Air

DATE COLLECTED	TIME COLLECTED	COMPONENTS	GARB	SAMPLE IDENTIFIER	MATRIX	ANALYSIS	NUMBERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
7-13	10:00	X	X	Pre-Stripped	WG	X	X		01
7-13	10:10	X	X	Post-Stripped	WG	X	X		02
				AR Sample Labels					

Turnaround Time **Report Supplements**

Availability contingent upon lab approval; additional fees may apply.

Standard 5 day	<input checked="" type="checkbox"/>	None Required	<input type="checkbox"/>	None Required	<input type="checkbox"/>
10 day	<input type="checkbox"/>	Batch QC	<input type="checkbox"/>	Basic EDD	<input type="checkbox"/>
Rush 3 day	<input type="checkbox"/>	Category A	<input type="checkbox"/>	NYSDEC EDD	<input type="checkbox"/>
Rush 2 day	<input type="checkbox"/>	Category B	<input type="checkbox"/>		
Rush 1 day	<input type="checkbox"/>	Other	<input type="checkbox"/>	Other EDD	<input type="checkbox"/>
Other	<input type="checkbox"/>				

Other
 please indicate date needed: _____

Other
 please indicate package needed: _____

Other EDD
 please indicate EDD needed: _____

Sampled By: David Reinhelder 7-13-16 10:20
 Relinquished By: Steve Marchetti 7-13-16 10:32
 Date/Time: 7/13/16 12:32
 Received By: [Signature] 7/13/16 14:17
 Date/Time: 7/13/16 14:17
 P.I.F.

Received @ Lab By: 250C 7/13/16 10:58
 By signing this form, client agrees to Paradigm Terms and Conditions (reverse).



Chain of Custody Supplement

Client: Matrix Environmental

Completed by: Glenn Pezzulo

Lab Project ID: 162947

Date: 7/13/16

Sample Condition Requirements Per NELAC/ELAP 210/241/242/243/244

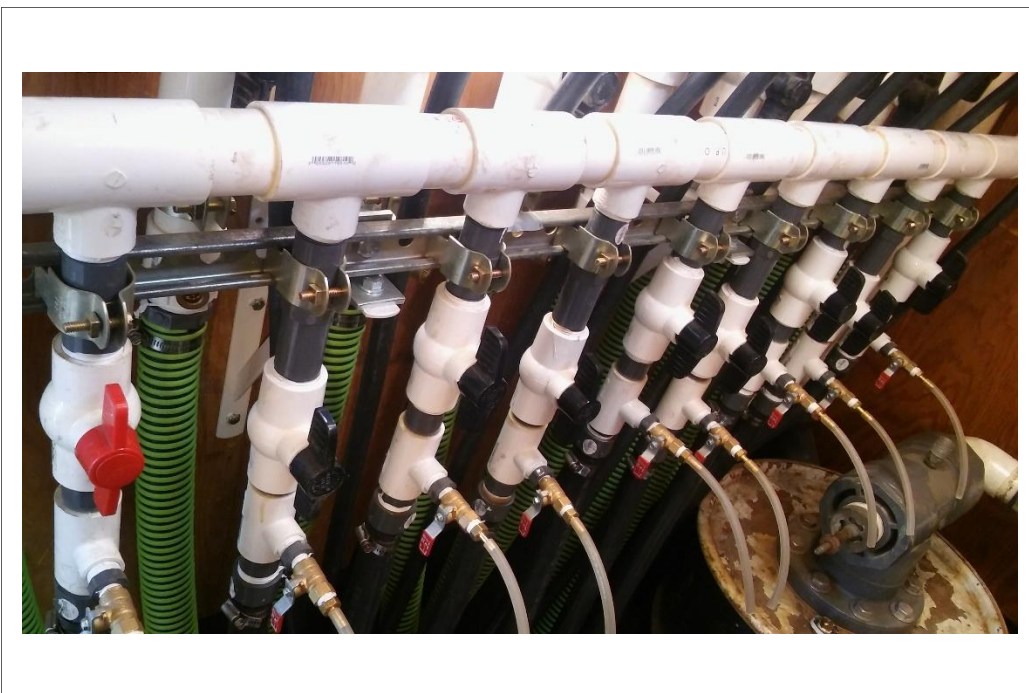
Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Preservation	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments	_____		
Chlorine Absent (<0.10 ppm per test strip)	<input checked="" type="checkbox"/> 625 SvOA	<input type="checkbox"/>	<input type="checkbox"/>
Comments	624 vOA: Cl ⁻ neg.		
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		
Temperature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments	25°C		
Sufficient Sample Quantity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments	_____		



APPENDIX 7
PROJECT PHOTO LOG



VEGE System air stripper and vacuum motor

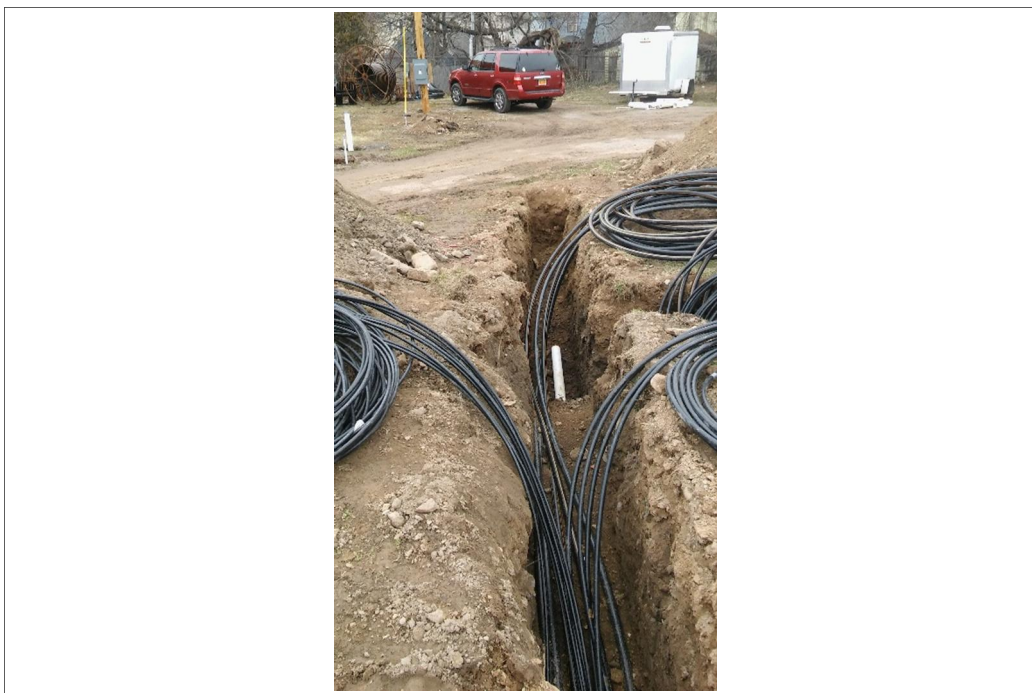


Oxygen Injection System manifold



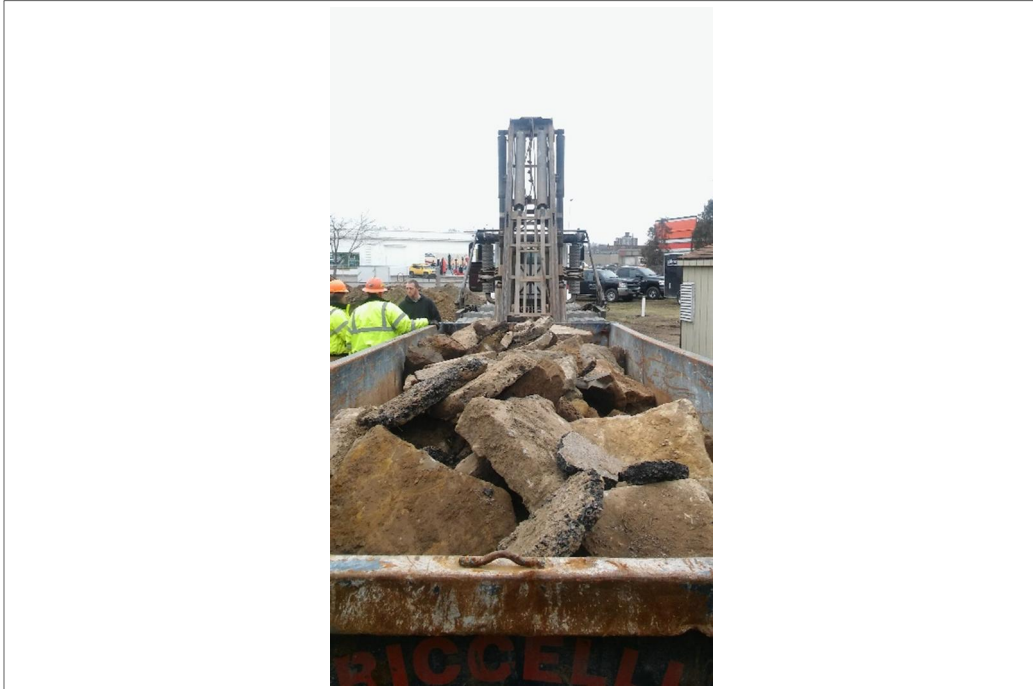


Installation of Oxygen Injection points



VEGE, O2 and treated groundwater discharge lateral lines





Class 3 material – waste concrete



VEGE Extraction Well EX-6 and O2 injection point IP-6





Trenches with VEGE extraction and O2 injection lateral lines



Air Monitoring Station with Dust Trac and PID meters





VEGE Extraction Wells and O2 injection points



Excavation for the SVE trench along the 1214/1216 residential home





Drums of Class 2 petroleum contaminated soils from well drilling



Air monitoring near residential property line





Excavation at Area 1A – March 2010



Excavation at Area 1B – March 2010





Daily field reporting and measurements



Excavation Area 1B – March 2010





Excavation of Area 3 – March 2010



Mixing RegenOx slurry at Treatment Area 1 – ISCO December 2011





Batch mix of RegenOx for ISCO injections



Nitrogen supply line to inflate packer in bedrock ISCO injection zone





View of Site and demolished 1214/1216 E. Main Street - December 2016





APPENDIX 8
SOIL/WASTE CHARACTERIZATION DATA

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number C E S Q G	2. Page 1 of 1	3. Emergency Response Phone (800) 424- 9300	4. Waste Tracking Number 042016		
5. Generator's Name and Mailing Address CITY OF ROCHESTER attn: Jane MH Forbes 30 CHURCH ST. ROOM 300B ROCHESTER NY 14614			Generator's Site Address (if different than mailing address) CITY OF ROCHESTER 1200 EAST MAIN ST ROCHESTER NY 14609				
Generator's Phone: (585) 428- 7892							
6. Transporter 1 Company Name <i>Frank's Vacuum</i>			U.S. EPA ID Number NY09828792814				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107			U.S. EPA ID Number NYD049836679				
Facility's Phone: (716) 286- 1550							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
		No.	Type				
1.	NON DOT REGULATED MATERIAL 116339NY	27	DM	EST 13500	P		
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information 1. 116339NY - NON HAZ PETROLEUM IMPACTED DRILL CUTTINGS CHEMTREC Emergency Response Number (800)424-9300 WMI Contract CCN24117 <i>81669834</i>							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name JANE MH FORBES			Signature <i>Jane M Forbes</i>		Month 04	Day 20	Year 16
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Jason Ziegler			Signature <i>Jason Ziegler</i>		Month 04	Day 20	Year 16
Transporter 2 Printed/Typed Name			Signature		Month	Day	Year
17. Discrepancy							
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
17b. Alternate Facility (or Generator)			U.S. EPA ID Number				
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator)					Month	Day	Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name <i>Michael...</i>			Signature <i>Michael...</i>		Month 04	Day 20	Year 16

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road
Model City, NY 14107
716-286-1550
800-963-4776
TSCEastNY@wm.com

**CONTACT THE WM MODEL CITY
TECHNICAL SERVICE CENTER**

Pat Stauffer

716-286-0451
pstauffe@wm.com

Dave Porter

716-286-0405
dporter3@wm.com

CWM Chemical Services, LLC – Model City (Hazardous Waste Facility)

MDC Aqueous Treatment (Bulk/Containerized Waste)

- Contaminated Groundwater from Extraction Systems
- Decontamination Water with PCBs (TSCA Regulated)
- Investigation-Derived Wastewaters (IDW) from Spoil Boring Activities
- Leachate (Acceptance Depends on Volume and Constituents)
- Non-Hazardous/Non-Regulated Wastewater
- Oily Water for Phase Separation Prior to Wastewater Treatment
- Wastewaters with Low Levels of Organics (E.g. < 100 ppm)

Transshipment (Drums/Containerized Waste)

DIRECT LANDFILL

Solids

- Asbestos
- "D" Organic Codes (Meeting Treatment Standards)
- Non-Hazardous
- RCRA (Meeting Treatment Standards)
- TSCA
- Transformer Carcasses

TREATMENT

Liquids/Sludges/Soils

- Air Pollution Controls Blow-Down Water and Sludges
- Alkaline and Acid Solutions Used to Clean Metal Parts or Equipment
- Chromate Wastes
- Cleaning, Rinsing and Surface Preparation Solutions from Electroplating and Phosphating Operations
- Cyanide-Containing Wastes
- Incineration Wastewaters
- Liquid Mercury Solutions
- Non-Hazardous Water/Sludges for Solidification
- Spent Electroplating Baths/Sludges
- Vibratory Deburring Wastewater
- Waste Acids and Bases With or Without Metals

Soil & Debris

Stabilization, Microencapsulation/Macroencapsulation, Organic Recovery

- Asbestos
- RCRA "D" Organic Codes
- RCRA Listed Wastes
- RCRA Metals
- RCRA/TSCA

FUELS BLENDING

- Flammable Solvents (Low Solids)
- Hazardous Oil (Non-TSCA)
- Low Chlorine Liquids
- Non-Hazardous Oil

INCINERATION

- Aerosols
- Chlorine Liquids/Solids
- Corrosive Liquids
- Cyanides Liquids/Solids
- Epoxy Hardeners
- Flammables
- High Chlorine Fuels/Solvents
- Inorganic Acids
- Lean Water
- Off-Spec Used/Unused
- Oxidizers
- PCB Ballasts/Large Capacitors
- PCB Fuels
- PCB Oil
- PCB Solids/Sludges (Flammable/Non-Flammable)
- Peroxides
- Petroleum and Solvent Waste
- RCRA Organics Solids/Sludges

RECYCLING

- Ballasts (PCB and Non-PCB)
- COD Vials
- Electronics
- Elemental Mercury
- Fluorescent, Mercury, HID Lamps
- Incandescent, Halogen, LED Lamps
- Lead Acid, Lithium, Mercury, Ni-Cad Batteries
- Mercury Soil, Debris and Devices



WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

Customer: BERGMANN ASSOCIATES
Account Number: 183-0001073-1836-2
Invoice Date: 04/01/2010
Invoice Number: 0014197-1836-4
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/17/10	590087	VEH#:309 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 21820 Ticket Total	23.50 1.00	TON PCT	23.00 32.43	540.50 32.43 23.40
03/17/10	590098	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32025 Ticket Total	23.44 1.00	TON PCT	23.00 32.35	539.12 32.35 23.34
03/17/10	590101	VEH#:78 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32049 Ticket Total	24.38 1.00	TON PCT	23.00 33.64	560.74 33.64 24.28
03/17/10	590107	VEH#:41 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32264 Ticket Total	24.78 1.00	TON PCT	23.00 34.20	569.94 34.20 24.68
03/17/10	590111	VEH#:309 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 21821 Ticket Total	24.09 1.00	TON PCT	23.00 33.24	554.07 33.24 23.99
03/17/10	590115	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32019 Ticket Total	23.96 1.00	TON PCT	23.00 33.06	551.08 33.06 23.86
03/17/10	590120	VEH#:78 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32050 Ticket Total	21.82 1.00	TON PCT	23.00 30.11	501.86 30.11 21.73
03/17/10	590129	VEH#:41 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 27229 Ticket Total	21.81 1.00	TON PCT	23.00 30.10	501.63 30.10 21.72
						553.45

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Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/17/10	590139	VEH#:309				
		ALTERNATE DAILY COVER - L/F	23.09	TON	23.00	531.07
		ENVIRONMENTAL FEE	1.00	PCT	31.86	31.86
		FUEL SURCHARGE				23.00
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 21822				
		Ticket Total				585.93
03/17/10	590141	VEH#:49				
		ALTERNATE DAILY COVER - L/F	23.34	TON	23.00	536.82
		ENVIRONMENTAL FEE	1.00	PCT	32.21	32.21
		FUEL SURCHARGE				23.24
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32018				
		Ticket Total				592.27
03/17/10	590147	VEH#:78				
		ALTERNATE DAILY COVER - L/F	25.53	TON	23.00	587.19
		ENVIRONMENTAL FEE	1.00	PCT	35.23	35.23
		FUEL SURCHARGE				25.43
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32051				
		Ticket Total				647.85
03/17/10	590158	VEH#:41				
		ALTERNATE DAILY COVER - L/F	21.63	TON	23.00	497.49
		ENVIRONMENTAL FEE	1.00	PCT	29.85	29.85
		FUEL SURCHARGE				21.54
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32265				
		Ticket Total				548.88
03/17/10	590169	VEH#:309				
		ALTERNATE DAILY COVER - L/F	21.69	TON	23.00	498.87
		ENVIRONMENTAL FEE	1.00	PCT	29.93	29.93
		FUEL SURCHARGE				21.60
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 21823				
		Ticket Total				550.40
03/17/10	590173	VEH#:49				
		ALTERNATE DAILY COVER - L/F	22.88	TON	23.00	526.24
		ENVIRONMENTAL FEE	1.00	PCT	31.57	31.57
		FUEL SURCHARGE				22.79
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 29940				
		Ticket Total				580.60
03/17/10	590177	VEH#:78				
		ALTERNATE DAILY COVER - L/F	17.47	TON	23.00	401.81
		ENVIRONMENTAL FEE	1.00	PCT	24.11	24.11
		FUEL SURCHARGE				17.40
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32052				
		Ticket Total				443.32
03/17/10	590189	VEH#:41				
		ALTERNATE DAILY COVER - L/F	23.11	TON	23.00	531.53
		ENVIRONMENTAL FEE	1.00	PCT	31.89	31.89
		FUEL SURCHARGE				23.02
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32263				
		Ticket Total				586.44

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WM Mill Seat Landfill
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Account Number: 183-0001073-1836-2
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Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609						
Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/17/10	590205	VEH#:309 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 21824 Ticket Total	22.11 1.00	TON PCT	23.00 30.51	508.53 30.51 22.02
03/17/10	590207	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32017 Ticket Total	22.75 1.00	TON PCT	23.00 31.40	561.06 523.25 31.40 22.66
03/18/10	590258	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32276 Ticket Total	24.73 1.00	TON PCT	23.00 34.13	577.31 568.79 34.13 24.63
03/18/10	590259	VEH#:41 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32280 Ticket Total	23.83 1.00	TON PCT	23.00 32.89	627.55 548.09 32.89 23.73
03/18/10	590282	VEH#:37 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32014 Ticket Total	22.97 1.00	TON PCT	23.00 31.70	604.71 528.31 31.70 22.88
03/18/10	590286	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32277 Ticket Total	23.90 1.00	TON PCT	23.00 32.98	582.89 549.70 32.98 23.80
03/18/10	590294	VEH#:41 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32281 Ticket Total	22.81 1.00	TON PCT	23.00 31.48	606.48 524.63 31.48 22.72
03/18/10	590324	VEH#:41 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32282 Ticket Total	21.44 1.00	TON PCT	23.00 29.59	578.83 493.12 29.59 21.35
						544.06

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WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

Customer: BERGMANN ASSOCIATES
Account Number: 183-0001073-1836-2
Invoice Date: 04/01/2010
Invoice Number: 0014197-1836-4
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/18/10	590327 ✓	VEH#:37				
		ALTERNATE DAILY COVER - L/F	20.94	TON	23.00	481.62
		ENVIRONMENTAL FEE	1.00	PCT	28.90	28.90
		FUEL SURCHARGE				20.85
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 29974				
		Ticket Total				531.37
03/18/10	590331 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	23.54	TON	23.00	541.42
		ENVIRONMENTAL FEE	1.00	PCT	32.49	32.49
		FUEL SURCHARGE				23.44
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32275				
		Ticket Total				597.35
03/18/10	590363 ✓	VEH#:37				
		ALTERNATE DAILY COVER - L/F	23.38	TON	23.00	537.74
		ENVIRONMENTAL FEE	1.00	PCT	32.26	32.26
		FUEL SURCHARGE				23.28
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32015				
		Ticket Total				593.28
03/18/10	590365 ✓	VEH#:41				
		ALTERNATE DAILY COVER - L/F	22.70	TON	23.00	522.10
		ENVIRONMENTAL FEE	1.00	PCT	31.33	31.33
		FUEL SURCHARGE				22.61
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32283				
		Ticket Total				576.04
03/18/10	590366 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	24.52	TON	23.00	563.96
		ENVIRONMENTAL FEE	1.00	PCT	33.84	33.84
		FUEL SURCHARGE				24.42
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32279				
		Ticket Total				622.22
03/18/10	590393 ✓	VEH#:37				
		ALTERNATE DAILY COVER - L/F	19.20	TON	23.00	441.60
		ENVIRONMENTAL FEE	1.00	PCT	26.50	26.50
		FUEL SURCHARGE				19.12
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 29973				
		Ticket Total				487.22
03/18/10	590395 ✓	VEH#:41				
		ALTERNATE DAILY COVER - L/F	23.06	TON	23.00	530.38
		ENVIRONMENTAL FEE	1.00	PCT	31.82	31.82
		FUEL SURCHARGE				22.97
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32284				
		Ticket Total				585.17
03/18/10	590398 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	23.65	TON	23.00	543.95
		ENVIRONMENTAL FEE	1.00	PCT	32.64	32.64
		FUEL SURCHARGE				23.55
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32278				
		Ticket Total				600.14

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303 Brew Rd
Bergen, NY 14416

Customer: BERGMANN ASSOCIATES
Account Number: 183-0001073-1836-2
Invoice Date: 04/01/2010
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WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/22/10	590625 ✓	VEH#:309				
		ALTERNATE DAILY COVER - L/F	21.49	TON	23.00	494.27
		ENVIRONMENTAL FEE	1.00	PCT	29.66	29.66
		FUEL SURCHARGE				21.40
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 21825				
		Ticket Total				545.33
03/22/10	590633 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	25.21	TON	23.00	579.83
		ENVIRONMENTAL FEE	1.00	PCT	34.79	34.79
		FUEL SURCHARGE				25.11
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32273				
		Ticket Total				639.73
03/22/10	590640 ✓	VEH#:78				
		ALTERNATE DAILY COVER - L/F	24.08	TON	23.00	553.84
		ENVIRONMENTAL FEE	1.00	PCT	33.23	33.23
		FUEL SURCHARGE				23.98
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32054				
		Ticket Total				611.05
03/22/10	590647 ✓	VEH#:309				
		ALTERNATE DAILY COVER - L/F	25.77	TON	23.00	592.71
		ENVIRONMENTAL FEE	1.00	PCT	35.56	35.56
		FUEL SURCHARGE				25.66
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 21756				
		Ticket Total				653.93
03/22/10	590655 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	25.35	TON	23.00	583.05
		ENVIRONMENTAL FEE	1.00	PCT	34.98	34.98
		FUEL SURCHARGE				25.25
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 29938				
		Ticket Total				643.28
03/22/10	590661 ✓	VEH#:78				
		ALTERNATE DAILY COVER - L/F	23.12	TON	23.00	531.76
		ENVIRONMENTAL FEE	1.00	PCT	31.91	31.91
		FUEL SURCHARGE				23.03
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 27149				
		Ticket Total				586.70
03/22/10	590670 ✓	VEH#:309				
		ALTERNATE DAILY COVER - L/F	23.74	TON	23.00	546.02
		ENVIRONMENTAL FEE	1.00	PCT	32.76	32.76
		FUEL SURCHARGE				23.64
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 21759				
		Ticket Total				602.42
03/22/10	590687 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	23.13	TON	23.00	531.99
		ENVIRONMENTAL FEE	1.00	PCT	31.92	31.92
		FUEL SURCHARGE				23.04
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 29939				
		Ticket Total				586.95

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Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/22/10	590691	VEH#:78 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 27150 Ticket Total	25.92 1.00	TON PCT	23.00 35.77	596.16 35.77 25.81
03/22/10	590701	VEH#:309 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 21757 Ticket Total	24.06 1.00	TON PCT	23.00 33.20	657.74 553.38 33.20 23.96
03/22/10	590714	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32292 Ticket Total	22.40 1.00	TON PCT	23.00 30.91	610.54 515.20 30.91 22.31
03/22/10	590721	VEH#:78 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 27151 Ticket Total	25.94 1.00	TON PCT	23.00 35.80	568.42 596.62 35.80 25.83
03/22/10	590735	VEH#:309 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 21758 Ticket Total	22.75 1.00	TON PCT	23.00 31.40	658.25 523.25 31.40 22.66
03/22/10	590744	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32291 Ticket Total	23.98 1.00	TON PCT	23.00 33.09	577.31 551.54 33.09 23.88
03/23/10	590780	VEH#:49 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 32297 Ticket Total	22.39 1.00	TON PCT	23.00 30.90	608.51 514.97 30.90 22.66
03/23/10	590788	VEH#:11 ALTERNATE DAILY COVER - L/F ENVIRONMENTAL FEE FUEL SURCHARGE Profile # 101028NY Generator CITY OF ROCHESTER Manifest # 26908 Ticket Total	24.73 1.00	TON PCT	23.00 34.13	568.53 568.79 34.13 25.03
						627.95

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 303 Brew Rd
 Bergen, NY 14416

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 Due Date: Due Upon Receipt
 WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 ROCHESTER, CITY OF (101028NY) 1200 E MAIN ST ROCHESTER NY 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/23/10	590792 ✓	VEH#:12				
		ALTERNATE DAILY COVER - L/F	24.64	TON	23.00	566.72
		ENVIRONMENTAL FEE	1.00	PCT	34.00	34.00
		FUEL SURCHARGE				24.94
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32267				
		Ticket Total				625.66
03/23/10	590807 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	21.45	TON	23.00	493.35
		ENVIRONMENTAL FEE	1.00	PCT	29.60	29.60
		FUEL SURCHARGE				21.71
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32296				
		Ticket Total				544.66
03/23/10	590813 ✓	VEH#:11				
		ALTERNATE DAILY COVER - L/F	20.44	TON	23.00	470.12
		ENVIRONMENTAL FEE	1.00	PCT	28.21	28.21
		FUEL SURCHARGE				20.69
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 26919				
		Ticket Total				519.02
03/23/10	590816 ✓	VEH#:12				
		ALTERNATE DAILY COVER - L/F	20.77	TON	23.00	477.71
		ENVIRONMENTAL FEE	1.00	PCT	28.66	28.66
		FUEL SURCHARGE				21.02
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32269				
		Ticket Total				527.39
03/23/10	590839 ✓	VEH#:49				
		ALTERNATE DAILY COVER - L/F	24.41	TON	23.00	561.43
		ENVIRONMENTAL FEE	1.00	PCT	33.69	33.69
		FUEL SURCHARGE				24.70
		Profile # 101028NY				
		Generator CITY OF ROCHESTER				
		Manifest # 32293				
		Ticket Total				619.82
		LATE PAYMENT FEE				0.00
Total Current Charges						31,159.63

*From everyday collection to environmental protection,
 Think Green. Think Waste Management*



#1

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590087

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen. EPA ID NOT REQUIRED
 Manifest 21920
 Destination Grid H-3-I-3-R-12
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 08:43:01	Scale1	robin		77700	1b
Out	03/17/2010 08:58:15	Scale2	robin		30700	1b
					Net	47000 1b
					Tons	23.50

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.50	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

309

21820

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK #	TRAILER #				
309					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Belgman Associates City of Roch. 1200 E Main ST Roch, NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	No Haz. Ticket # 580087	WEIGHT IN 77700
	Petroleum Cont. Soil	WEIGHT OUT 30700
	Pro. # 101028 NY	BILLED WEIGHT 47000
		23.50

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE R Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
Mill Seat Landfill Bergen NY

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE (NO INITIALS) _____	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Mudco</u> DATE <u>3-17-10</u>	<input checked="" type="checkbox"/> AM
BY <u>[Signature]</u> TIME _____	<input type="checkbox"/> PM



#2

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590098

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32025
 Destination Grid H-3-I-3-R-12
 PQ
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	76180 lb
In 03/17/2010 09:14:53	Scale1	robin		Tare	29300 lb
Out 03/17/2010 09:28:29	SCALE2	robin		Net	46880 lb
				Tons	23.44

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.44	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

49

32025

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman ASSOCIATES CITY OF ROCHESTER 1200 EAST MAIN ST ROCHESTER NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20, Ton	Non-Haz	WEIGHT IN 76180
	petroleum contaminated soil	WEIGHT OUT 29300
	Profile # 101028 NY	BILLED WEIGHT 46880
	#596098 TON	23.44

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Dan Monaghan 634 PRINT NAME Dan Monaghan

SPECIAL INSTRUCTIONS:

Bill to CITY OF ROCHESTER

DESTINATION:

W/m Mill Seat Land Fill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Mill Seat DATE 3-17-10

BY R. Favo TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#3

Original
 Ticket# 590101

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32049
 Destination Grid H-3-I-3-R-12
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	78860 lb
In	03/17/2010 09:27:05	Scale1	robin		Tare	30100 lb
Out	03/17/2010 09:41:44	SCALE2	robin		Net	48760 lb
					Tons	24.38

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.38	Tons				MON
PGENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

78

32049

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK # 78	TRAILER # —				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E. Main St. Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est. load	Non-Hazardous Associates Petroleum Contaminated Soil Profile # 101028 NY	WEIGHT IN 79860
		WEIGHT OUT 30100
		BILLED WEIGHT 48760
		2439

SHIPPER SIGNATURE Jan M H Forbes PRINT NAME JAN M H FORBES

DRIVER SIGNATURE Howie 554 PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

DESTINATION: Millport Landfill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Mullisat DATE 3-17-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#4

Original
 Ticket# 590107

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 700000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 02264
 Destination Grid H-3-I-3-R-12
 PO
 Profile 101029NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 09:49:38	Scale1	robin		Tare	78020 lb 28460 lb
Out	03/17/2010 10:01:20	SCALE2	robin		Net	49560 lb
					Tons	24.78

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.78	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

#41

32264

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	17 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, New York
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton est.	Non-Hazardous	WEIGHT IN 78020
	Petroleum Contaminated Soil	WEIGHT OUT 28460
	Profile # 101028	BILLED WEIGHT 49560
	ticket # 59007	24.78

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE M/H FORBES

DRIVER SIGNATURE _____ PRINT NAME _____

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
w/m Mill Seat (Bergen, New York)

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>M/S</u> DATE <u>3/17/10</u>	<input type="checkbox"/> AM
BY <u>R. J. W.</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#5

Original
 Ticket# 590111

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21821 Grid H-3-1-3-R-12
 Destination
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	78800 lb
In	03/17/2010 10:10:42	Scale1	robin		Tare	30620 lb
Out	03/17/2010 10:21:59	SCALE2	robin		Net	48100 lb
					Tons	24.09

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.09	Tons				MON
PGENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

21821

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE <div style="font-size: 1.5em; text-align: center;">3-17-10</div>	TIME IN / OUT	
TRUCK # <div style="font-size: 1.5em; text-align: center;">309</div>	TRAILER #		

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <div style="font-size: 1.2em;"> Bergman ASSOCIATES City of Roch. 1200 E. MAIN ST Roch, NY </div>
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	No. Haz. Ticket # 590111 Petroleum CONT-SOIL Pro # 101028 NY	WEIGHT IN 78800
		WEIGHT OUT 30620
		BILLED WEIGHT 48180
		24.03

SHIPPER SIGNATURE *Jane M H Forbes* PRINT NAME JANE M H FORBES

DRIVER SIGNATURE *R Mesinger* PRINT NAME R MESINGER

SPECIAL INSTRUCTIONS:
Bill To City of Rochester

DESTINATION:
Millseat Land Fill Bergen N.Y

FOR APPROVAL: _____ CONSIGNEE PRINT NAME _____ CONSIGNEE SIGN HERE (NO INITIALS) <div style="font-size: 1.2em; text-align: center;"> <u>Mill Seat</u> DATE <u>3-17-10</u> </div>	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION BY <u><i>[Signature]</i></u> TIME _____	<input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#6

Original
 Ticket# 590115

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32019
 Destination Grid H-3-I-3-R-12
 PQ
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	77120 lb
In	03/17/2010 10:37:09	Scale1	robin		Tare	29200 lb
Out	03/17/2010 10:50:55	SCALE2	robin		Net	47920 lb
					Tons	23.96

Comments This vehicle was over the legal weight limit..

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.96	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

49

32019

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN /	OUT
	3-17-10			
TRUCK #	TRAILER #			
49				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman associates CITY OF ROCHESTER 1200 E main ST ROCHESTER NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20. Ton	Non-Haz petroleum contaminated soil Profile # 101028 NY #590115	WEIGHT IN 77120
		WEIGHT OUT 29200
		BILLED WEIGHT 47920
		23.96

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Dan Monaghan PRINT NAME Dan Monaghan

SPECIAL INSTRUCTIONS:
Bill to CITY OF ROCHESTER

DESTINATION:
w/m Mill Seat Land Fill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
BY <u>M. J. Savo</u> DATE <u>3-17-10</u>	<input type="checkbox"/> AM
TIME <u>1:00</u>	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#7

Original
 Ticket# 590120

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32050
 Destination Grid H-3-I-3-R-12
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/17/2010 10:46:43	Scale1	robin		73680 lb	
Out 03/17/2010 11:01:40	SCALE2	robin		30040 lb	
				Net	43640 lb
				Tons	21.82

Comments This vehicle was over the legal weight limit.

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	21.82	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

SHIPPER SIGNATURE
 Driver's Signature _____

SPECIAL INSTRUCTIONS

404WM

DESTINATION:

Millseat Landfill Bergen N.Y.

FOR APPROVAL: _____
 CONSIGNEE PRINT NAME _____
 CONSIGNEE SIGN HERE _____
 (NO INITIALS)
 RECEIVED ABOVE MATERIAL IN GOOD CONDITION
 FIRM Mill Seat DATE 3-17-10
 BY [Signature] TIME AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#8

Original
 Ticket# 590129

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 27229
 Destination Grid H-3-I-3-R-12
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 11:04:13	Scale1	robin			72020 lb
Out	03/17/2010 11:16:01	Scale2	robin			28400 lb
					Net	43620 lb
					Tons	21.81

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	21.81	Tons				MON
2 PGENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

#41

27229

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	17 Mar 10				
TRUCK # 41	TRAILER # —				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton est	Non-Hazardous Petroleum	WEIGHT IN 72020
	Contaminated Soil	WEIGHT OUT 28400
	Profile # 101028 NY	BILLED WEIGHT 43620
	ticket # 590129	21.81

SHIPPER SIGNATURE Juan Hdez PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Herb Bowman PRINT NAME Herb Bowman DR

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
W/M Mill Seat (Bergen, NY)

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE (NO INITIALS) _____	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Med Seat</u> DATE <u>3/17/10</u>	<input type="checkbox"/> AM
BY <u>RJW</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#9

Original
 Ticket# 590139

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21822
 Destination Grid H-3-I-3-R-12
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/17/2010 11:31:49	Scale1	robin		76760 lb	
Out 03/17/2010 11:52:14	SCALE2	robin		30580 lb	
				Net	46180 lb
				Tons	23.09

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.09	Tons				MON
PGENV-Environmenta	100		X				MON
FUEL-Fuel Surcharg	100		X				MON

Total Tax
 Total Ticket

Driver's Signature _____





#309

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK # 309	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Roch 1200 E. main ST Roch, N.Y.
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	No Haz Ticket # 590139	WEIGHT IN 76766
	Petroleum Cont Soil	WEIGHT OUT 30580
	PO # 101028 NY	BILLED WEIGHT 46100
		23.09

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE R Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:
Bill To City of Rochester

DESTINATION:
Mill Seat Land Fill Bergen N.Y

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Mill Seat DATE 3-17-10

BY R. Favo TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#10

(AREA 4)

Original
 Ticket# 590141

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 132018
 Destination Grid H-3-1-3-R-12
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCT.Y1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	75800 lb
In	03/17/2010 11:53:11	SCALE1	robin		Tare	29120 lb
Out	03/17/2010 12:05:27	SCALE2	robin		Net	46680 lb
					Tons	23.34

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCS-Tons	100	23.34	Tons				MON
P&ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32018

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 Rochester E Main ST ROCHESTER NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20. Ton	Non-Haz petroleum contaminated soil profile # 101028 NY #590141	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT
		Ton
		75800
		29120
		46680
		23.34

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Don Monaghan PRINT NAME Don Monaghan

SPECIAL INSTRUCTIONS:
 Bill to City of Rochester

DESTINATION:
 W/m Mill Seat Land Fill Borsen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Mill Seat</u> DATE <u>3-17-10</u>	<input checked="" type="checkbox"/> AM
BY <u>L. Tavo</u> TIME	<input type="checkbox"/> PM



#11

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590147

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
Ticket Date 03/17/2010 Vehicle# 78 Volume
Payment Type Credit Account Container
Manual Ticket# Driver HOWIE
Hauling Ticket# Check#
Route 72500 Billing # 0001073
State Waste Code Gen EPA ID NOT REQUIRED
Manifest 32051
Destination Grid H-3-I-3-R-12
PD
Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 12:14:19	SCALE1	robin		81000 lb	
Out	03/17/2010 12:26:32	SCALE2	robin		29940 lb	
					Net	51060 lb
					Tons	25.53

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	25.53	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____

32052





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32051

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK # 78	TRAILER # —				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E. Main St. Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est. load	Nonhazardous Petroleum cont. soil Profile # 10128 NY	WEIGHT IN 81000
		WEIGHT OUT 29940
		BILLED WEIGHT 51060
		73160 25.53

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE M. FORBES

DRIVER SIGNATURE Howie 554 PRINT NAME Howie 554

SPECIAL INSTRUCTIONS: 2182

DESTINATION: Bill to the city of Rochester
Millsrat Landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Milgard</u> DATE <u>3-17-10</u>	<input type="checkbox"/> AM
BY <u>J. Javo</u> TIME	<input checked="" type="checkbox"/> PM



#12

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590158

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32265
 Destination Grid H-3-I-3-R-12
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 12:40:41	SCALE1	robin		71580 lb	
Out	03/17/2010 12:52:46	SCALE2	robin		28320 lb	
					Net	43260 lb
					Tons	21.63

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	21.63	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

#41

32265

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	17 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est	Non-Hazardous Petroleum	WEIGHT IN 71530
	Contaminated Soil	WEIGHT OUT 29320
	Profile # 101028 NY	BILLED WEIGHT 43260
	Ticket # 590158	21.63

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
w/m Mill Seat (Bergen, NY)

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Mill Seat</u> DATE <u>3-17-10</u>	<input type="checkbox"/> AM
BY <u>Javo</u> TIME	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#13

Original
 Ticket# 590169

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21823
 Destination Grid H-3-I-3-R-12
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/17/2010 13:03:33	Scale1	ROBIN		Tare	73900 lb
Out 03/17/2010 13:19:36	SCALE2	robin		Net	30520 lb
				Tons	43380 lb
					21.69

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	21.69	Tons				MON
PEENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

21823

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK #	TRAILER #				
309					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER BEGMAN ASSOCIATES City of Roch. 1200 E main ST Roch, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	No Haz Petroleum Cont. Soil Ticket # 590169 Po # 101028 NY	WEIGHT IN 73900
		WEIGHT OUT 30520
		BILLED WEIGHT 43380
		31.69

SHIPPER SIGNATURE Dennis Beck PRINT NAME DENNIS BECK
on behalf of City of Rochester
 DRIVER SIGNATURE Red Hough PRINT NAME B. WERSINGER

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
Mill Seat Land Fill Bergen N.Y

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Mill Seat</u> DATE <u>3-11-10</u>	<input type="checkbox"/> AM
BY <u>John Fava</u> TIME	<input type="checkbox"/> PM

303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Ticket# 590173

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 29940
 Destination Grid H-3-I-3-R-12
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 13:17:24	SCALE1	robin			74040 lb
Out	03/17/2010 13:39:22	SCALE2	robin			29080 lb
					Net	45760 lb
					Tons	22.88

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont. Soil RC6-Tons	100	22.88	Tons				MON
RGENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

49

29940

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN /	OUT
	3-17-10			

TRUCK # 49	TRAILER #
-------------------	-----------

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E Main St Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20,100	Non-Haz petroleum contaminated soil profile #101028 NY #590173	WEIGHT IN 74840
		WEIGHT OUT 29080
		BILLED WEIGHT 45760
		TON 22.88

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Ben [unclear]

SPECIAL INSTRUCTIONS:
 Bill Disposal To City of Rochester

DESTINATION:
 Wm Mill Seat Land Fill Bergen NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS)
[Signature]

RECEIVED ABOVE MATERIAL IN GOOD CONDITION
 BY [Signature] DATE 3-17-10 TIME AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#15

Original
 Ticket# 590177

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RIDELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 70 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32052
 Destination Grid H-3-I-3-R-12
 PD
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 13:29:57	SCALE1	robin			64820 lb
Out	03/17/2010 13:49:13	SCALE2	robin			29880 lb
						Net 34940 lb
						Tons 17.47

Comments

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	17.47	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

78

32052

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E. Main St Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est load	Nonhazardous	WEIGHT IN 64820
	Petroleum Cont. soil	WEIGHT OUT 29880
	Profile # 101028 MS.	BILLED WEIGHT 34940
		1747

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MITCHELL FORBES

DRIVER SIGNATURE [Signature] PRINT NAME HOWIE 554

SPECIAL INSTRUCTIONS:

DESTINATION: Bill to the City of Rochester
Millseat Landfill Bergen NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) [Signature]

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Millseat DATE 3-17-10

BY [Signature] TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Street Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

16

Original
 Ticket# 590189

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR # 15
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32263 Grid H-3-1-3-R-12
 Destination
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	74440 lb
In	03/17/2010 13:58:02	SCALE1	robin		Tare	28220 lb
Out	03/17/2010 14:10:21	Scale2	ROBIN		Net	46220 lb
					Tons	23.11

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil RC6-Tons	100	23.11	Tons			MON
2	P6ENV-Environmenta	100	%				MON
3	FUEL-Fuel Surcharg	100	%				MON

Total Tax
 Total Ticket

Driver's Signature _____



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
680 Henrietta Road
Rochester, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32263

#41

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	17 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est	Non-Hazardous Petroleum Contaminated Soil Profile # 101028 NY Ticket # 590189	WEIGHT IN 74440
		WEIGHT OUT 28220
		BILLED WEIGHT 46220
		2311

SHIPPER SIGNATURE James H. Forbier PRINT NAME JAMES M H FORBIER

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:

Bill Disposal to City of Rochester

DESTINATION:

W/m Mill Seat (Bergen, NY)

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME		
CONSIGNEE SIGN HERE (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Michael</u> DATE <u>3-17-10</u>	
	BY <u>R. J. [Signature]</u> TIME	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#17

Original
 Ticket# 590205

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21824
 Destination Grid H-3-I-3-R-12
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/17/2010 14:39:46	Scale1	ROBIN		74720 lb	
Out	03/17/2010 15:15:22	SCALE2	robin		30500 lb	
					Net	44220 lb
					Tons	22.11

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	22.11	Tons				MON
2 P&ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

21824

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-17-10				
TRUCK #	TRAILER #				
309					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Begman ASSOCIATES City of Roch. 1200 E. main ST Roch, NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	No Haz Petroleum Cont. Soil Po # 101028 NY Ticket # 590205	WEIGHT IN 74720
		WEIGHT OUT 30500
		BILLED WEIGHT 44220
		22.11

SHIPPER SIGNATURE Jane M H Forbe PRINT NAME JANE M H FORBE

DRIVER SIGNATURE R Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
Millseat Land Fill Bergen N.Y.

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Mill Seat</u> DATE <u>3-17-10</u>	<input type="checkbox"/> AM
BY <u>Stavo</u> TIME	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#186

Original
 Ticket# 590207

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/17/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32017
 Destination Grid H-3-I-3-R-12
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	74500 lb
In 03/17/2010 14:48:06	Scale1	ROBIN		Tare	29060 lb
Out 03/17/2010 15:20:58	SCALE2	robin		Net	45500 lb
				Tons	22.75

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	22.75	Tons				MON
2 P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

49

32017

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN /	OUT
	3-17-10			
TRUCK # 49	TRAILER #			

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman ASSOCIATES CITY OF ROCHESTER 1200 EAST MAIN ST ROCHESTER NY 1
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20, Ton	Non-Haz	WEIGHT IN 74560
	Petroleum Contaminated Soil	WEIGHT OUT 29060
	Profile # 10628 NY	BILLED WEIGHT 45500
	# 590207 TON	22,75

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Dan Monaghan 634 PRINT NAME Dan Monaghan

SPECIAL INSTRUCTIONS:

B.I. Disposal TO CITY OF ROCHESTER

DESTINATION:

W/m mill. Soil Land Fill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
BY <u>M. J. Javo</u> DATE <u>3-17-10</u>	<input type="checkbox"/> AM
BY <u>L. Javo</u> TIME	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#1

Original
 Ticket# 590258

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32276
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross
In 03/18/2010 08:57:39	Scale1	robin		78700 lb
Out 03/18/2010 09:15:57	SCALE2	robin		29240 lb
				Net 49460 lb
				Tons 24.73

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCB-Tons	100	24.73	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32276

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-18-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Bergman Associates</i> CITY OF ROCHESTER 1200 E MAIN ST ROCHESTER NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 TON	NON-HAZ petroleum contaminated soil profile # 101028 NY #590258 TON	WEIGHT IN 78700
		WEIGHT OUT 29240
		BILLED WEIGHT 49460
		24,73

SHIPPER SIGNATURE *Jane M H Forss* PRINT NAME JANE M H FORSS

DRIVER SIGNATURE *Don Ryan 634* PRINT NAME *Don Ryan*

SPECIAL INSTRUCTIONS:

Bill to City of Rochester

DESTINATION:

W/m mill seat Landfill Bergen NJ

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM *Mil Seat* DATE 3-18-10

BY *K. Favo* TIME AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14415
 Ph: (585) 494-3000

#2

Original
 Ticket# 590259

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RIDELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32290
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/18/2010 09:04:08	Scale1	robin		76020 lb	
Out	03/18/2010 09:24:50	SCALE2	robin		28360 lb	
					Net	47660 lb
					Tons	23.83

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	23.83	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____



#41

32280

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	18 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, New York
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est	Non-Hazardous Petroleum Contaminated Soil Profile # 101028 NY Ticket # 590259	WEIGHT IN 76020
		WEIGHT OUT 28360
		BILLED WEIGHT 47660
		23.83

SHIPPER SIGNATURE Jan M Hork PRINT NAME JAN M HORK

DRIVER SIGNATURE Herb Bowman PRINT NAME Herb Bowman

SPECIAL INSTRUCTIONS:

DESTINATION: Bill Disposal to City of Rochester
w/m Mill Seat (Bergen, NY)

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>McBeal</u> DATE <u>3.18.10</u>	<input checked="" type="checkbox"/> AM
BY <u>J. Hork</u> TIME	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#3

Original
 Ticket# 590202

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 37 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver dan
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32014
 Destination Grid 6-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ. PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/18/2010 10:22:47	Scale1	robin		74240 lb	
Out	03/18/2010 10:40:54	SCALE2	robin		28300 lb	
					Net	45940 lb
					Tons	22.97

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCS-Tons	100	22.97	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32014

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-18-10				
TRUCK #	TRAILER #				
37					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E Main Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est. Load	Non hazardous	WEIGHT IN
	Petroleum Cont Soil	WEIGHT OUT
	Profile # 101028 NY	BILLED WEIGHT

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Dan PRINT NAME Dan

SPECIAL INSTRUCTIONS:
Bill to the City of Rochester

DESTINATION:
Millseat Landfill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS)
M. Seed

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM M. Seed DATE 3-18-10

BY Dan TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#4

Original
 Ticket# 590286

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32277
 Destination Grid S-9-J-3-K-3
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	76960 lb
In 03/18/2010 10:32:56	Scale1	robin		Tare	29160 lb
Out 03/18/2010 10:49:23	SCALE2	robin		Net	47800 lb
				Tons	23.90

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	23.90	Tons				MON
PGENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32275

32277

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-18-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman ASSOCIATES CITY OF ROCHESTER 1200 EAST MAIN ST ROCHESTER NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20, TON	NON-HAZ	WEIGHT IN
	petroleum contaminated soil	WEIGHT OUT
	Profile # 101028 NY #590286	BILLED WEIGHT
	TON	23.90
		76960
		29160
		47800

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Dan Morositan

SPECIAL INSTRUCTIONS:
Bill to city of Rochester

DESTINATION:
w/m mill seat land fill Benson NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>[Signature]</u> DATE <u>3-18-10</u>	<input type="checkbox"/> AM
BY <u>[Signature]</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#5

Original
 Ticket# 590294

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date - 03/18/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32281
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/18/2010 10:51:45	SCALE1	robin		73900	lb
Out	03/18/2010 11:08:45	SCALE2	robin		28280	lb
					Net	45620 lb
					Tons	22.81

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
Cont Soil RC6-Tons	100	22.81	Tons				MON
PGENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





#411

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	18 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Tons	Non-Hazardous Petroleum	WEIGHT IN 73900
	Contaminated Soil	WEIGHT OUT 28280
	Profile # 101028NY	BILLED WEIGHT 45620
	Ticket # 590294	22.81

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
W/M Mill Seat (Bergen, NY)

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE (NO INITIALS) <u>[Signature]</u>		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>[Signature]</u> DATE <u>3-18-10</u> BY <u>[Signature]</u> TIME _____	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#16

Original
 Ticket# 590327

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 37 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 29974
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	70100 lb
In 03/18/2010 12:23:24	Scale1	robin		Tare	28220 lb
Out 03/18/2010 12:27:09	SCALE2	robin		Net	41820 lb
				Tons	20.94

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	20.94	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

29974

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3/18/10				
TRUCK # 37	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E Main Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est. Load	Non Hazardous	WEIGHT IN 70,100
	Petroleum Contaminated	WEIGHT OUT 28,220
	SOIL	BILLED WEIGHT 41,880
	Profile # 101028 NY	20.94

SHIPPER SIGNATURE [Signature] PRINT NAME JAMES H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Dan

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
Millseat Land Fill Bergen NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME		
CONSIGNEE SIGN HERE (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Hul Seal</u> DATE <u>3-18-10</u>	
BY <u>[Signature]</u>	TIME	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#7

Original
 Ticket# 590324

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32202
 Destination Grid S-9-J-3-K-3
 PD
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/18/2010 12:19:16	SCALE1	robin		71100 lb	
Out	03/18/2010 12:32:18	SCALE2	robin		28220 lb	
					Net	42880 lb
					Tons	21.44

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	21.44	Tons				MON
P&ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phepls, NY 14532
(315) 548-4049

32282

#41

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	18 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non-hazardous Petroleum	WEIGHT IN 71100
	Contaminated Soil	WEIGHT OUT 28220
	Profile #101028 NY	BILLED WEIGHT 42880
	Ticket #590324	21.44

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:

Bill Disposal to City of Rochester

DESTINATION:
W/M Mill Seat (Bergen, NY)

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME		
CONSIGNEE SIGN HERE (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>RICELLI</u> DATE <u>3/18/10</u>	
BY <u>Jane</u> TIME	<input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#18

Original
 Ticket# 590331

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code 32275 Gen EPA ID NOT REQUIRED
 Manifest
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	76180 lb
In	03/18/2010 12:30:59	Scale1	robin		Tare	29100 lb
Out	03/18/2010 12:45:09	Scale2	robin		Net	47080 lb
					Tons	23.54

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.54	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32275

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-18-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman associates CITY OF ROCHESTER 1200 E. MAIN ST ROCHESTER NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20. Ton	Non-Haz	WEIGHT IN 7680
	petroleum contaminated soil	WEIGHT OUT 29100
	profile # 101028 NY	BILLED WEIGHT 47080
	#590331 Ton	23.54

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MH FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Pan Mough

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
w/m mill seat Land Fill

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) [Signature]

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM [Signature] DATE 3-18-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

9

Original
 Ticket# 590363

Customer Name BERGMANN-101020NY BERGMANN AS Carrier RIG RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 37 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32015
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101020NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/18/2010 13:42:59	SCALE1	robin		75140 lb	
Out	03/18/2010 14:02:55	SCALE2	robin		28380 lb	
					Net	46760 lb
					Tons	23.30

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.38	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surchang	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32015

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3/18/10				
TRUCK #	TRAILER #				
37					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E. Main Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est. Load	Non Hazardous Petroleum Contaminated Soil Profile# 101028 NY	WEIGHT IN
		75,140
		WEIGHT OUT
		28,380
	BILLED WEIGHT	46,760
		23.38

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Don

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
Millseat Landfill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS)
[Signature]

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM [Signature] DATE 3-18-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#10

Original
 Ticket# 590365

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32283
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/18/2010 13:53:27	SCALE1	robin		73540 lb	
Out 03/18/2010 14:06:01	SCALE2	robin		28140 lb	
				Net	45400 lb
				Tons	22.70

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil-RCG-Tons	100	22.70	Tons				MON
PEENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32283

#41

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN /	OUT
	18 Mar 10			
TRUCK # 41	TRAILER #			

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
2 Ton	Non-Hazardous Petroleum Contaminated Soil Profile # 101028NY Ticket # 590365	WEIGHT IN 73540
		WEIGHT OUT 28140
		BILLED WEIGHT 45400
		22.70

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
w/m Mill Seat (Bergen, NY)

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

DATE 3-18-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY 14416
 Ph: (7585) 494-3000

11

Original
 Ticket# 590366

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Routs 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 02279
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/18/2010 13:56:01	SCALE1	robin		78060 lb	
Out 03/18/2010 14:11:45	SCALE2	robin		29020 lb	
				Net	49040 lb
				Tons	24.52

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont-Soil RC6-Tons	100	24.52	Tons				MON
PEENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32279

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	OUT
	3-18-10			
TRUCK #	TRAILER #			
49				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates CITY OF ROCHESTER 1200 EAST MAIN ST ROCHESTER NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20.700	Non-Haz	WEIGHT IN
	petroleum contaminated soil	WEIGHT OUT
	Profile #	BILLED WEIGHT
	101028 NY #59036 ton	
		78060
		29020
		49040
		24.52

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Don Magette PRINT NAME Don Magette

SPECIAL INSTRUCTIONS:
Bill to CITY OF ROCHESTER

DESTINATION:
W/M Mill Set Land Fill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Mill Set DATE 3-18-10

BY [Signature] TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#12

Original
 Ticket# 590393

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 37 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 29973
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	66720 lb
In	03/18/2010 15:10:33	Scale1	robin		Tare	28320 lb
Out	03/18/2010 15:28:00	SCALE2	robin		Net	38400 lb
					Tons	19.20

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	19.20	Tons				MON
PGENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Pheps, NY 14532
(315) 548-4049

29973

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3/18/10				
TRUCK # 37	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E Main Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est Load	Non Hazardous Petroleum Contaminated Soil Profile # 101028 NY	WEIGHT IN 66720
		WEIGHT OUT 28320
		BILLED WEIGHT 38400
		19.20

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MH FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Dan

SPECIAL INSTRUCTIONS:

Bill city of Rochester

DESTINATION:

Millseat Landfill Bergen NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) [Signature]

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM [Signature] DATE 3-18-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#13

#1

Original
 Ticket# 590395

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32294
 Destination Grid S-9-J-3-K-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/18/2010 15:15:03	SCALE1	robin		74200 lb	
Out 03/18/2010 15:29:34	SCALE2	robin		28000 lb	
				Net	46120 lb
				Tons	23.06

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.06	Tons				MON
PSENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32284

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	18 Mar 10				
TRUCK # 41	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est	Non-Hazardous Petroleum Contaminated Soil Profile # 101028 NY	WEIGHT IN 74200
		WEIGHT OUT 28080
		BILLED WEIGHT 46120
		Ticket # 590395 23.00

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE MIT FORBES

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester.

DESTINATION:
w/m Mill Seat (Bergen, NY)

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Musler DATE 3-18-10

BY [Signature] TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#14

Original
 Ticket# 590396

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIG NICELLI TRUCKING
 Ticket Date 03/18/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32278
 Destination Grid 8-9-J-3-K-3
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/18/2010 15:24:50	SCALE1	robin		Tare	76220 lb
Out 03/18/2010 15:46:28	SCALE2	robin		Net	28920 lb
				Tons	47300 lb
					23.65

Comments This vehicle was over the legal weight limit.

Handwritten signature

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	23.65	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32278

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-18-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Belgmann Associates City of Rochester 1200 East main ST Rochester NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20. TON	Non-Haz Petroleum Contaminated Soil Profile # 101028 NY # 590398 JON	WEIGHT IN 76220
		WEIGHT OUT 28920
		BILLED WEIGHT 43700
		23,65

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Don Monahan 634 PRINT NAME Don Monahan

SPECIAL INSTRUCTIONS:

Bill to City of Rochester

DESTINATION:

W/m millseat Land Fill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Muhleay DATE 3.18.10

BY D. Favo TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#1

Original
 Ticket# 590625

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21925
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	73680 lb
In	03/23/2010 09:11:43	Scale1	jane		Tare	30700 lb
Out	03/22/2010 09:21:44	SCALE2	robin		Net	42980 lb
					Tons	21.49

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	21.49	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

21825

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
309					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Roch. 1200 E Main ST Roch. N.Y.
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton EST.	Non. Haz. Petroleum Cont. Soil Ticket # 590625 PRO # 101028 NY	WEIGHT IN 73680
		WEIGHT OUT 30700
		BILLED WEIGHT 42980
		21.49

SHIPPER SIGNATURE Jenn M. Forbsi PRINT NAME JANEMITFORBSI

DRIVER SIGNATURE R. Dersinger PRINT NAME R. DERSINGER

SPECIAL INSTRUCTIONS:
Bill To City of Roch.

DESTINATION:
Mill Seat Land Fill

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>J. Orade</u> DATE <u>3/22/10</u> BY <u>J. Orade</u> TIME _____	



#2

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590633

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32273
 Destination Grid JK3-P9
 PQ
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	79720 lb
In 03/22/2010 09:41:30	Scale1	jane		Tare	29300 lb
Out 03/22/2010 09:58:34	SCALE2	robin		Net	50420 lb
				Tons	25.21

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	25.21	Tons				MDN
2 P6ENV-Environmenta	100		%				MDN
3 FUEL-Fuel Surcharg	100		%				MDN

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32273

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Belgiam 9550C CITY OF ROCHESTER 1200 E MAIN ST ROCHESTER NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20. Ton	NON-HAZ	WEIGHT IN 79720
	PETROLEUM CONTAMINATED SOIL	WEIGHT OUT 29300
	PROFILE #	BILLED WEIGHT 50420
	101028 NY # 590633	TON 25,21

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MH FORBES

DRIVER SIGNATURE [Signature] PRINT NAME [Signature]

SPECIAL INSTRUCTIONS:

B.II TO CITY OF ROCHESTER

DESTINATION:

W/M MILLSEA T LAND FILL ROCHESTER NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE (NO INITIALS) _____		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>[Signature]</u> DATE <u>3-22-2010</u>	
BY <u>[Signature]</u> TIME _____	<input type="checkbox"/> AM <input type="checkbox"/> PM	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

Original
 Ticket# 590640

#3

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32054
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	78260 lb
In	03/22/2010 10:00:11	Scale1	jane		Tare	30100 lb
Out	03/22/2010 10:18:54	SCALE2	robin		Net	48160 lb
					Tons	24.08

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	24.08	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32054

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK # 78	TRAILER # —				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Borgman Associates City of Rochester E. Main St. Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 tons Est Load	Non Cont. Soil Petroleum Approval # 101028 NY	WEIGHT IN 79260
		WEIGHT OUT 30100
		BILLED WEIGHT 49160
		24.08

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Howie 554 PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

Bill to the city of Rochester

DESTINATION:

Willset Landfill Bergen NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>3 22 2010</u> BY <u>J. Gracie</u> TIME _____	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#4

Original
 Ticket# 590647

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21756
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	82240 lb
In 03/22/2010 10:30:37	Scale1	jane		Tare	30700 lb
Out 03/22/2010 10:43:21	SCALE2	robin		Net	51540 lb
				Tons	25.77

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	25.77	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

21756

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK # 309	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER BERGMANN ASSOC. City of Roch. 1200 E. MAINT ST Roch NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton EST	NON. HAZ. Petroleum Cont. Soil PRO# 101028 NY Ticket# 590647	WEIGHT IN 82240
		WEIGHT OUT 30700
		BILLED WEIGHT 51540
		25.77

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE MIT FORBES

DRIVER SIGNATURE R. Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:

Bill To City of Roch.

DESTINATION:

mill/segT Land Fill

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Ricelli DATE 3-22-2010

BY [Signature] TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

CITY OF ROCHESTER
C/O BERGMANN-28 E. MAIN ST.
ROCHESTER NY 14614

Alt: ED JONES @ BERGMANN

CITY OF ROCHESTER
1200 EAST MAIN ST.
ROCHESTER NY 14614

Generator's Phone: 315 736 6080
6. Transporter 1 Company Name: NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC. 232.5135

U.S. EPA ID Number

10-603

7. Transporter 2 Company Name: NEW YORK ENVIRONMENTAL TECHNOLOGIES, INC.

U.S. EPA ID Number

NY D 0 8 6 9 8 3 2 2 9

8. Designated Facility Name and Site Address

U.S. EPA ID Number

INDUSTRIAL OIL TANK SERVICE CORP.
120 DRY RD.
ROCHESTER NY 13204

Facility's Phone: 315 736 6080

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1. UN1203, Gasoline Mixture, 3, PGI

0 0 1

TT

01000

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

A. ERG #128

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Owner's Printed/Typed Name

Signature

Month Day Year

JANE MH FORBES

Jane M H Forbes

03 22 20

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

BETH SMITH

Beth Smith

3 22 10

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 484-3000

#5

Original
 Ticket# 590655

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 29938
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/22/2010 11:04:16	Scale1	jane		80000	lb
Out	03/22/2010 11:18:35	SCALE2	robin		29300	lb
					Net	50700 lb
					Tons	25.35

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	25.35	Tons				MON
PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

29938

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN /	OUT
	3-22-10			
TRUCK #	TRAILER #			
49				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Belkmann ASSOC CITY OF ROCHESTER 1200 E MAIN ST ROCHESTER NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT	
20,700	NON-HAZ petroleum contaminated soil profile # 101028 NY # 590655 TON	WEIGHT IN	80000
		WEIGHT OUT	29300
		BILLED WEIGHT	50700
			25,35

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Ben Mangia PRINT NAME BEN MANGIA

SPECIAL INSTRUCTIONS:

Bill to city of Rochester

DESTINATION:

W/m mill/soil land fill

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Oracle</u> DATE <u>3-24 2010</u> BY _____ TIME _____	
		<input type="checkbox"/> AM <input type="checkbox"/> PM



#6

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590661

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 27149
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/22/2010 11:19:37	Scale1	jane		76320 lb	
Out	03/22/2010 11:40:34	SCALE2	robin		30080 lb	
					Net	46240 lb
					Tons	23.12

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	23.12	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

27149

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Borgman Associates</i> <i>City of Rochester</i> <i>1200 Elmwood St</i> <i>Rochester, NY</i>
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
<i>20 ton</i> <i>Est.</i> <i>Load</i>	<i>Non-contaminated soil</i> <i>205260</i> <i>Approval # 101028 NY</i> <i>24.08</i>	WEIGHT IN <i>76320</i>
		WEIGHT OUT <i>30080</i>
		BILLED WEIGHT <i>46246</i>
		<i>23113</i>

SHIPPER SIGNATURE *James H. Furber* PRINT NAME JAMES H. FURBER

DRIVER SIGNATURE *Howie 554* PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

Bill to ~~the~~ the City of Rochester

DESTINATION:

will seat landfill Bergen NJ

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 3-22-2010

BY *Howie* TIME _____ AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000



Original
 Ticket# 590670

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21759
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	78100 lb
In	03/22/2010 11:49:32	Scale1	jane		Tare	30620 lb
Out	03/22/2010 12:11:46	SCALE2	robin		Net	47480 lb
					Tons	23.74

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	23.74	Tons				MON
2 PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

21759

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK # 309	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER BERGMANN ASSOC. City of Roch 1200 E MAIN ST Roch. NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
50 TON EST	NON-HAZ. Petroleum COND. SOIL Ticket# 590670 Po# 101028 NY	WEIGHT IN 78100
		WEIGHT OUT 30620
		BILLED WEIGHT 47480
		23.74

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE R. Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:
Bill To City of Roch

DESTINATION:
Mill Seat Land Fill

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Gracie</u> DATE <u>3-26-2010</u> BY <u>Gracie</u> TIME _____	
		<input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#8

Original
 Ticket# 590687

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 29939
 Destination Grid JK3-P9
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/22/2010 12:25:31	Scale1	jane		75500 lb	
Out	03/22/2010 12:44:00	SCALE2	robin		29240 lb	
					Net	46260 lb
					Tons	23.13

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.13	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

29939

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates CITY OF ROCHESTER 1200 FRENCH ST ROCHESTER NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20.700	non-haz solvent containing soil profile # 101025 NY #590687 TON	WEIGHT IN 75500
		WEIGHT OUT 29240
		BILLED WEIGHT 46260
		23.13

SHIPPER SIGNATURE JENNIFER HARRIS PRINT NAME JENNIFER HARRIS

DRIVER SIGNATURE [Signature] PRINT NAME [Signature]

SPECIAL INSTRUCTIONS:
all to city of Rochester

DESTINATION:
Wm. Miller & Sons Landfill, 111 [Address]

FOR APPROVAL:
 CONSIGNEE PRINT NAME _____
 CONSIGNEE SIGN HERE _____
 (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM RICCELLI DATE 3-22-2010

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#9

Original
 Ticket# 590691

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 27150
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/22/2010 12:40:24	Scale1	jane		81920 lb	
Out	03/22/2010 13:01:23	SCALE2	robin		30080 lb	
					Net	51840 lb
					Tons	25.92

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	25.92	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

27150

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Borgman Associates City of Rochester 1200 E. Main St. Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est. Load	Petroleum Cont Soil	81920
	Approval # 101028 NY.	30080
		51840
		2592

SHIPPER SIGNATURE Jane M. Forbes PRINT NAME JANE M. FORBES

DRIVER SIGNATURE Howie 554 PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

Bill to the city of Rochester

DESTINATION:

Millseat Landfill Bergen NY.

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>3-27-2010</u>	
BY <u>J. Orville</u>	TIME _____	<input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#10

Original
 Ticket# 590701

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21757
 Destination Grid JK3-P9
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	78700 lb
In	03/22/2010 13:16:17	Scale1	jane		Tare	30580 lb
Out	03/22/2010 13:32:32	SCALE2	robin		Net	48120 lb
					Tons	24.06

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons 100		24.06	Tons				MON
2 PEENV-Environmenta 100			%				MON
3 FUEL-Fuel Surcharg 100			%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

21757

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK # 309	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER BERGMANN ASSOC. City of Roch 1200 E. MAIN ST ROCK NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
30 Ton EST	Non. Haz. Ticket # 590701	WEIGHT IN 78700
	Petroleum Cont. Soil	WEIGHT OUT 30580
	Pro. # 101028 NY	BILLED WEIGHT 48120
		24.06

SHIPPER SIGNATURE Paul Wilby for Jane Forbes PRINT NAME Paul Wilby ICO/ Jane Forbes COR

DRIVER SIGNATURE R Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:
Bill To City of Roch

DESTINATION:
Mill Seat Land Fill

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Riccelli</u> DATE <u>3-22-2010</u> TIME <input type="checkbox"/> AM <input type="checkbox"/> PM	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#11

Original
 Ticket# 590714

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32292 Grid JK3-P9
 Destination
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	74040 lb
In 03/22/2010 13:46:15	Scale1	jane		Tare	29240 lb
Out 03/22/2010 14:03:07	SCALE2	robin		Net	44800 lb
				Tons	22.40

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCB-Tons	100	22.40	Tons				MON
PGENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann associates City of Rochester 1200 E Main St Rochester NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non-Haz	WEIGHT IN 74040
	Petroleum Contaminated Soil	WEIGHT OUT 29240
	P10 F. 1E#	BILLED WEIGHT 44800
	10/028 NY	22,40 TON
	#590714	

SHIPPER SIGNATURE James M H Forbes PRINT NAME JAMES M H FORBES

DRIVER SIGNATURE Don Manaster 634 PRINT NAME Don Manaster

SPECIAL INSTRUCTIONS:

Bill to City of Rochester

DESTINATION:

W/m Mill/Soat Land Fill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>3-22-2010</u>	<input type="checkbox"/> AM
BY <u>Kacie</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#12

Original
 Ticket# 590721

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 27151
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/22/2010 14:04:25	Scale1	jane		81860	lb
Out	03/22/2010 14:44:19	SCALE2	robin		29980	lb
					Net	51880
					Tons	25.94

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	25.94	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

27151

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Borgman Associates</i> <i>City of Rochester</i> <i>1200 E Main St.</i> <i>Rochester NY</i>
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton Est. load	Petroleum Cont Soil	WEIGHT IN 81860
	Approval # 101028 NY	WEIGHT OUT 29980
		BILLED WEIGHT 51880
		25,94

SHIPPER SIGNATURE *[Signature]* PRINT NAME *Sir Charles M H Forbes*

DRIVER SIGNATURE *Howie 554* PRINT NAME *Howie 554*

SPECIAL INSTRUCTIONS: *51570*
25.92

DESTINATION: *Bill to the city of Rochester*
Millsport Landfill Bergen NY.

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
 (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM *Syracuse* DATE *3-22-2010*

BY *[Signature]* TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#13

Original
 Ticket# 590735

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RJC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 21758
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	76060 lb
In	03/22/2010 14:37:31	Scale1	jane		Tare	30560 lb
Out	03/22/2010 15:04:00	SCALE2	robin		Net	45500 lb
					Tons	22.75

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	22.75	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

21758

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-22-10				
TRUCK # 309	TRAILER #				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER BERGMANN ASSOC. City of Roch 1200 E MAIN ST Roch. NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton EST.	Non. Haz. Petroleum Cont. Soil, Pro # 101028 NY Ticket # 590735	WEIGHT IN 76060
		WEIGHT OUT 30560
		BILLED WEIGHT 45500
		39.75

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE MLL FORBES

DRIVER SIGNATURE R Versinger PRINT NAME R VERSINGER

SPECIAL INSTRUCTIONS:
Bill To City of Roch.

DESTINATION:
Mill Seat Land Fill

FOR APPROVAL:	
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Ricelli</u> DATE <u>3-22-2010</u> BY <u>Joracie</u> TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#14

Original
 Ticket# 590744

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/22/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32291
 Destination Grid JK3-P9
 PD
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	77140 lb
In 03/22/2010 15:08:09	Scale1	jane		Tare	29180 lb
Out 03/22/2010 15:29:48	SCALE2	robin		Net	47960 lb
				Tons	23.98

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	23.98	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32291

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME IN	OUT
	3-22-10		
TRUCK # 49	TRAILER #		

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann associates CITY OF ROCHESTER 1202 E Main St Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20, Ton	Non-Haz petroleum contaminated soil profile # 1010 28 NY #90744 TON	WEIGHT IN 77140
		WEIGHT OUT 29180
		BILLED WEIGHT 47960
		23,98

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FURNESS

DRIVER SIGNATURE [Signature] PRINT NAME Don Mangler

SPECIAL INSTRUCTIONS:

Bill to city of Rochester

DESTINATION:

Wm mill soil Land Fill Bergen NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>3-22-2010</u> BY <u>J. Ricelli</u> TIME _____	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#1

Original
 Ticket# 590780

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/23/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32297
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/23/2010 08:49:11	Scale1	jane			74220 lb
Out 03/23/2010 09:10:08	SCALE2	robin			29440 lb
				Net	44780 lb
				Tons	22.39

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	22.39	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-23-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E Main St Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	Non-Haz	WEIGHT IN 74220
	Petroleum Contaminated Soil	WEIGHT OUT 29440
	Profile #	BILLED WEIGHT 44780
	101028 NY # 590780	TON 22,39

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Don Mangione 634 PRINT NAME Don Mangione

SPECIAL INSTRUCTIONS:

Bill to CITY OF ROCHESTER

DESTINATION:

w/m mill sat Land Fill

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Yardie DATE 3-22-2010

BY Yardie TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#2

Original
 Ticket# 590788

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/23/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 28908
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/23/2010 09:24:13	Scale1	jane		77980	1b
Out	03/23/2010 09:40:37	SCALE2	robin		28520	1b
					Net	49460 1b
					Tons	24.73

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.73	Tons				MON
2 P&ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

26908

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-23-10				
TRUCK # 11	TRAILER # NA				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Bovsmann Associates</i> <i>city of Rochester</i> <i>1700 E. main st</i> <i>Rock NY</i>
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	<i>now hazardous</i> <i>Petroleum contaminated soil</i> <i>Profile # 101028 NY</i>	WEIGHT IN 77980
		WEIGHT OUT 28520
		BILLED WEIGHT 49460
		590788 2478

SHIPPER SIGNATURE *Jane M. Forbes* PRINT NAME JANE M. FORBES

DRIVER SIGNATURE *James Singleton* PRINT NAME James Singleton

SPECIAL INSTRUCTIONS:
Haul to mill seat Bill ~~Disposal~~ to city of Rochester

DESTINATION:
mill seat land fill Bergen NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION FIRM _____ DATE <u>3-23-2010</u> BY <i>Ricce</i> TIME _____	<input type="checkbox"/> AM <input type="checkbox"/> PM	



#3

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 590792

Customer Name	BERGMANN-101028NY BERGMANN AS	Carrier	RIC RICELLI TRUCKING
Ticket Date	03/23/2010	Vehicle#	12
Payment Type	Credit Account	Container	Volume
Manual Ticket#		Driver	MARSHALL
Hauling Ticket#		Check#	
Route	72500	Billing #	0001073
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	32267		
Destination		Grid	JK3-P9
Profile	101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)		
Generator	190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER		

	Time	Scale	Operator	Inbound	Gross	
In	03/23/2010 09:33:45	Scale1	jane		Tare	70020 lb
Out	03/23/2010 09:47:50	SCALE2	robin		Net	28740 lb
					Tons	49280 lb
						24.64

Comments This vehicle was over the legal weight limit

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	24.64	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

Truck 12

32267

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3 23 10				
TRUCK # 12	TRAILER # —				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E MAIN ST Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non HAZARDOUS	WEIGHT IN 78020
	Petroleum Contaminated	WEIGHT OUT 28740
	Soil	BILLED WEIGHT 49280
	Profile 101028 NY	Ticket 590792 Ton 24.64

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Marshall Burky PRINT NAME MARSHALL BURKY

SPECIAL INSTRUCTIONS:
Haul To Millseat Bill Disposal To City Rochester

DESTINATION:
Millseat Landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>JDALP</u> DATE <u>3-23-2010</u> TIME <input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill,
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

#4

Original
Ticket# 590807

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/23/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32296 Grid JK3-P9
 Destination
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

#3

Time	Scale	Operator	Inbound	Gross	
In 03/23/2010 10:22:18	Scale1	jane		72280 lb	
Out 03/23/2010 10:41:42	SCALE2	robin		29380 lb	
				Net	42900 lb
				Tons	21.45

Comments

#2

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	21.45	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____



Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32296

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-23-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E Main St Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20, ton	Non-Haz	WEIGHT IN 72280
	Petroleum Contaminated Soil	WEIGHT OUT 29370
	Profile #	BILLED WEIGHT 42900
	101028 NY #590807	TON 21.45

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Dan Monaghan 634 PRINT NAME Dan Monaghan

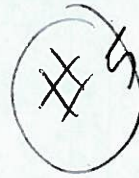
SPECIAL INSTRUCTIONS:
Bill To City of Rochester

DESTINATION:
W/m Mill Seat Land Fill

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE: 3-23-2010	<input type="checkbox"/> AM
BY: <u>Ricelli</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000



Original
 Ticket# 590813

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/23/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 26919
 Destination Grid JK3-P9
 PD
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/23/2010 10:48:41	SCALE1	robin		69320	1b
Out	03/23/2010 11:05:26	SCALE2	robin		28440	1b
					Net	40880 1b
					Tons	20.44

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	20.44	Tons				MON
PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

26919

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-23-10				
TRUCK # 11	TRAILER # N/A				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann ASSOCIATES CITY OF ROCHESTER 1700 E MAIN ST ROCK NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	non hazardous petroleum contaminated soil Profile # 101028 NY	WEIGHT IN 69320
		WEIGHT OUT 28440
		BILLED WEIGHT 40880
		590813 20.44

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE James Singleton PRINT NAME James Singleton

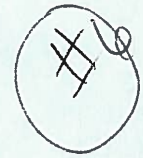
SPECIAL INSTRUCTIONS:
Haul to mill seat Bill Disposal to city of rock

DESTINATION:
mill seat land fill Bergen NY

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>3/23/10</u>	<input type="checkbox"/> AM
BY <u>Ricelli</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000



Original
 Ticket# 590816

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/23/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32269 Grid JK3-P9
 Destination
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/23/2010 10:56:21	SCALE1	robin		69860 lb	
Out	03/23/2010 11:26:30	Scale2	jane		28320 lb	
					Net	41540 lb
					Tons	20.77

Comments

Product	LDX	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCB-Tons	100	20.77	Tons				MON
2 PSENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32269

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-25-10				
TRUCK # 72	TRAILER # —				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Benjamin Associates City of Rochester 1200 East Main St Rochester, NY</i>
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
2 TON	Non-Hazardous	WEIGHT IN 69860
	Petroleum contaminated	WEIGHT OUT 28320
	301	BILLED WEIGHT 41540
	Part # 101028	TON 20.77

SHIPPER SIGNATURE *JAMES M. FORBES* PRINT NAME JAMES M. FORBES

DRIVER SIGNATURE *[Signature]* PRINT NAME [Name]

SPECIAL INSTRUCTIONS:

DESTINATION: *Bill DeLeonis - City of Rochester
1200 East Main St Rochester NY*

FOR APPROVAL: _____
 CONSIGNEE PRINT NAME _____
 CONSIGNEE SIGN HERE _____
 (NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 3/25/10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000



Original
 Ticket# 590839

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/23/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32293
 Destination Grid JK3-P9
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	87160 lb
In 03/23/2010 11:53:46	Scale1	jane		Tare	29340 lb
Out 03/23/2010 12:33:22	SCALE2	robin		Net	48820 lb
				Tons	24.41

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	24.41	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-23-10				
TRUCK # 49	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E Main St Rochester NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20.701	Non-Haz Petroleum Contaminated Soil Profile # 101028NY #590839	WEIGHT IN 78160
		WEIGHT OUT 29390
		BILLED WEIGHT 48820
		24.41

SHIPPER SIGNATURE [Signature] PRINT NAME John Mill Forbes

DRIVER SIGNATURE [Signature] PRINT NAME [Signature]

SPECIAL INSTRUCTIONS:

Bill to City of Rochester

DESTINATION:

w/16 mill/soot land fill region

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>3-25-2010</u> BY <u>[Signature]</u> TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	



INVOICE

© GAF

WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

(585) 494-3000
(585) 494-3003 Fax

Customer: BERGMANN ASSOCIATES
Account Number: 183-0001073-1836-2
Invoice Date: 03/16/2010
Invoice Number: 0014123-1836-0
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

RECEIVED
MAR 22 2010
BY: _____

Current Invoice Amount	Total Amount Due
6,004.04	6,004.04

Account Summary

Description	Amount
Previous Balance	0.00
Total Credits and Adjustments	0.00
Total Payments Received	0.00
Total Current Charges	6,004.04
Total Amount Due	6,004.04
Total Amount Past Due	0.00

Please pay total amount due. Thank you for your business.

VISIT OUR NEW WEBSITE: www.WMDisposal.com YOUR PROMPT PAYMENT IS APPRECIATED. Thank You

Description	Amount
Landfill	6,004.04
Total Current Charges	6,004.04

Area A
Area B
\$231700 ✓
6% environmental fee ✓
4.29% Fuel ✓

If full payment of the invoiced amount is not received within 30 days of the invoice date, you will be charged a monthly late fee of 1.5% of the unpaid amount, with a minimum monthly charge of \$3.00, or such lesser late fee allowed under applicable law, regulation or contract. For each returned check, a fee will be assessed on your next billing equal to the maximum amount permitted by applicable state law.

Vendor No. _____
Invoice No. 1200 EAST MAIN ST
A/P Code _____
Project Dept No. 4453-04
G/L Code _____
Approved Edward Jones
OK + PAY QUOTE 12/18/09

Want to pay this bill on-line? Go to www.wm.com to learn more about WMezPay and make a convenient, secure payment.

Current Due	Over 30	Over 60	Over 90	Over 120	Total Due
6,004.04	0.00	0.00	0.00	0.00	6,004.04



WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

(585) 494-3000
(585) 494-3003 Fax

Learn how we Think Green at www.wm.com/thinkgreen

Payment Coupon

Please detach and enclose this portion with your payment - do not send cash.

Your Account Number		Waste Management introduces WM ezPay!! Pay your WM bill on-line at www.wm.com .
183-0001073-1836-2		
Invoice Date		To pay your invoice by phone, call 866-WMI-2PAY or 866-964-2729.
03/16/2010		
Your Invoice Number		
0014123-1836-0		
Due Date	Total Due	Amount Paid
Upon Receipt	6,004.04	

18361830001073000141230000060040400000600404 2

0001659 NM 9075 CP1 11174L92

BERGMANN ASSOCIATES
28 E MAIN ST
ROCHESTER NY 14614-1915

WM Mill Seat Landfill
P O Box 13648
Philadelphia PA 19101-3648

From everyday collection to environmental protection,
Think Green. Think Waste Management.



WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

Customer: BERGMANN ASSOCIATES
Account Number: 183-0001073-1836-2
Invoice Date: 03/16/2010
Invoice Number: 0014123-1836-0
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 Rochester, City Of (101028ny): 1200 E Main St: Rochester Ny 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
03/09/10	589019	Veh#: 49				
		Alternate daily cover - l/f	24.71	TON	23.00	568.33
		Environmental fee = 6 ⁰ / ₁₀	1.00	PCT	34.10	34.10
		Fuel surcharge				24.38
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32190				
		Ticket total				626.81
03/09/10	589028	Veh#: 41				
		Alternate daily cover - l/f	22.69	TON	23.00	521.87
		Environmental fee	1.00	PCT	31.31	31.31
		Fuel surcharge				22.39
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32160				
		Ticket total				575.57
03/09/10	589034	Veh#: 11				
		Alternate daily cover - l/f	24.06	TON	23.00	553.38
		Environmental fee	1.00	PCT	33.20	33.20
		Fuel surcharge				23.74
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32147				
		Ticket total				610.32
03/09/10	589051	Veh#: 49				
		Alternate daily cover - l/f	23.11	TON	23.00	531.53
		Environmental fee	1.00	PCT	31.89	31.89
		Fuel surcharge				22.80
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32191				
		Ticket total				586.22
03/09/10	589056	Veh#: 41				
		Alternate daily cover - l/f	18.71	TON	23.00	430.33
		Environmental fee	1.00	PCT	25.82	25.82
		Fuel surcharge				18.46
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32161				
		Ticket total				474.61
03/09/10	589066	Veh#: 11				
		Alternate daily cover - l/f	21.10	TON	23.00	485.30
		Environmental fee	1.00	PCT	29.12	29.12
		Fuel surcharge				20.82
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 26913				
		Ticket total				535.24
03/09/10	589082	Veh#: 49				
		Alternate daily cover - l/f	21.55	TON	23.00	495.65
		Environmental fee	1.00	PCT	29.74	29.74
		Fuel surcharge				21.26
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32192				
		Ticket total				546.65

From everyday collection to environmental protection,
Think Green. Think Waste Management.





#1

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589019

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32190
 Destination Grid R-11-J-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/09/2010 08:50:47	Scale1	jane		78840 lb	
Out	03/09/2010 09:03:22	SCALE2	robin		29420 lb	
					Net	49420 lb
					Tons	24.71

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCS-Tons	100	24.71	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-9-10				
TRUCK #	49				
TRAILER #					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman ASSOCIATES CITY OF ROCHESTER 1200 E. MAIN ST ROCHESTER NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
29 ton Est Load	Non Hazardous petroleum cont - soil profile 101028 NY # 589019 ton	WEIGHT IN
		78840
		WEIGHT OUT
		29420
	BILLED WEIGHT	49420
		24,71

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Pan Monaghan PRINT NAME Pan Monaghan

SPECIAL INSTRUCTIONS:
Disposal
Bill to City of Rochester

DESTINATION:
Millsport Landfill Benson

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Glade DATE 3-10-2010

BY Glade TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



#2

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589028

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32160
 Destination Grid R-11-J-3
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/09/2010 09:06:01	Scale1	jane		73800 lb	
Out	03/09/2010 09:16:49	SCALE2	robin		28500 lb	
					Net	45300 lb
					Tons	22.69

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	22.69	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

#41

32160

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	9 Mar 10				
TRUCK # 41	TRAILER # _____				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non-Hazardous Petroleum Contaminated Soil Profile # 101028 NY Ticket # 589028	WEIGHT IN 73880
		WEIGHT OUT 28500
		BILLED WEIGHT 45380
		22.69

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
W/M Mill Seat (Bergen, NY)

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE _____ BY _____ TIME _____	



#3

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589034

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32147
 Destination Grid R-11-J-3
 PG
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTV1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	76620 lb
In	03/09/2010 09:23:58	Scale1	jane		Tare	28500 lb
Out	03/09/2010 09:34:31	Scale2	jane		Net	48120 lb
					Tons	24.06

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.06	Tons				MON
2 PGENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32147

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-9-10				
TRUCK # 11	TRAILER # N/A				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E. Main St Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	Non hazardous Petroleum contaminated soil Profile # 101028 1400 & NY	WEIGHT IN 76620
		WEIGHT OUT 28500
		BILLED WEIGHT 48120
		589034 2406

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE James S Singler PRINT NAME James S Singler

SPECIAL INSTRUCTIONS:

DESTINATION: Bill disposed to City of Rochester
mill seat located in Bergen NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME		
CONSIGNEE SIGN HERE (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>Ricelli</u> DATE <u>3-9-2010</u> BY <u>Ricelli</u> TIME <u></u>	



4

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589051

Customer Name BERGMANN-101028NY BERGMANN AS Carrier R10 RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32191
 Destination Grid R-11-J-3
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/09/2010 10:17:15	Scale1	jane		75600 lb	
Out	03/09/2010 10:27:16	SCALE2	robin		29380 lb	
					Net	46220 lb
					Tons	23.11

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	23.11	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	<i>49 3-9-10</i>				
TRUCK #	<i>49</i>		TRAILER #		

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Bergman ASSOCIATES CITY OF ROCHESTER 1200 E. MAIN ST ROCHESTER NY</i>
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
<i>20,106 EST Load</i>	<i>non hazardous petroleum con-soil profile 101028 NY</i>	WEIGHT IN <i>75600</i>
		WEIGHT OUT <i>29380</i>
		BILLED WEIGHT <i>49220</i>
		<i>#587051 ton</i> <i>23,11</i>

SHIPPER SIGNATURE *Jane M H Forbess* PRINT NAME JANE M H FORBESS

DRIVER SIGNATURE *Dan Monaghan 634* PRINT NAME Dan Monaghan

SPECIAL INSTRUCTIONS:

Bill Disposal To City of Rochester

DESTINATION:

w/m Mill Seat Land Fill Bergen NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 3-10-2010

BY *radue* TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.

#5



Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589056

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 41 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB BOWMANDR
 Hauling Ticket# Check#
 Route 70000 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32161
 Destination Grid R-11-J-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	65860 lb
In	03/09/2010 10:28:25	Scale1	jane		Tare	28440 lb
Out	03/09/2010 10:41:25	SCALE2	robin		Net	37420 lb
					Tons	18.71

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	18.71	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

#41

32161

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	9 Mar 10				
TRUCK # 41	TRAILER # —				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St. Rochester, NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	non-hazardous	WEIGHT IN 65860
	Petroleum Contaminated Soil	WEIGHT OUT 28440
	Profile # 101028NY	BILLED WEIGHT 37420
	Ticket 589056	18.71

SHIPPER SIGNATURE Jane M. Forbe PRINT NAME JANE M H FORBE

DRIVER SIGNATURE Herb Bowman PRINT NAME Herb Bowman DR

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
W/M Mill Seat (Bergen, NY)

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 30-10-2010

BY Gracie TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



#6

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589066

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NDT REQUIRED
 Manifest 26913
 Destination Grid R-11-J-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/09/2010 10:43:15	Scale1	jane		70640 lb	
Out	03/09/2010 10:56:02	SCALE2	robin		28440 lb	
					Net	42200 lb
					Tons	21.10

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	21.10	Tons				MDN
2 PGENV-Environmenta	100		%				MDN
3 FUEL-Fuel Surcharg	100		%				MDN

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

11
 26913

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-9-10				
TRUCK # 11	TRAILER # N/A				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 Main St Roch NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 tons	Non hazardous petroleum contaminated soil P10cite # 101028	WEIGHT IN 70640
		WEIGHT OUT 28440
		BILLED WEIGHT 42200
		589066 21.10

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE James Singleton PRINT NAME James Singleton

SPECIAL INSTRUCTIONS:
 Bill Disposal to City of Rochester

DESTINATION:
 Mill Seat landfill Benson NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE _____	<input type="checkbox"/> AM
BY _____ TIME _____	<input type="checkbox"/> PM



#7

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589082

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32192
 Destination Grid R-11-J-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200ENAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/09/2010 11:39:03	Scale1	jane		72400 lb	
Out	03/09/2010 11:52:28	SCALE2	robin		29300 lb	
					Net	43100 lb
					Tons	21.55

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	21.55	Tons				MON
2 PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-9-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester #1200 E Main St Rochester NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20,709 EST LOAD	Non Hazardous	WEIGHT IN 72400
	petroleum con-soil	WEIGHT OUT 29300
	profile # 101028 NY	BILLED WEIGHT 43100
	#587082 TON	21.55

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME DON MORRIS

SPECIAL INSTRUCTIONS:

Bill Disposal to city of Rochester

DESTINATION:

Wm Mill Seat Land Fill Beken

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM Riccelli DATE 3-9-2010

BY [Signature] TIME _____

AM PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



#8

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 589093

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 26912
 Destination Grid R-11-J-3
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/09/2010 12:10:27	Scale1	jane		65220 lb	
Out	03/09/2010 12:21:31	SCALE2	robin		28380 lb	
					Net	36840 lb
					Tons	18.42

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont. Soil RCG-Tons	100	18.42	Tons				MON
2 PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

26912

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-9-10				
TRUCK # 11	TRAILER # NA 5				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E main St Roch NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	non hazardous Petroleum Contaminated Soil Profile # 101078 NY	WEIGHT IN 65220
		WEIGHT OUT 28380
		BILLED WEIGHT 36840
		589093 18182

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MH FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Jane Singletta

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
mill Seat Landfill Bergen NY

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>3-9-2010</u> BY <u>[Signature]</u> TIME _____	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3200

#9

Original
 Ticket# 589113

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 03/09/2010 Vehicle# 37 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HERB
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 22162 Grid R-11-J-3
 Destination
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 198-ROCHESTERCTY|200MEMOIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/09/2010 12:50:16	Scale1	jane		67930	lb
Out 03/09/2010 13:00:51	SCALE2	robin		28280	lb
				Net	39650
				Tax	19.90

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil ROG-Tons	100	19.90	Tons				MON
2 RCENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

#37

32162

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	9 Mar 10				
TRUCK # 4X 37 37	TRAILER # _____				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Beigmann Assoc. City of Rochester 1200 E-main St Rochester, NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non-Hazardous	WEIGHT IN 67880
	Petroleum Contaminated	WEIGHT OUT 28280
	Soil	BILLED WEIGHT 39600
	Profile # 101028 NY	Tickets # 589113 19.80

SHIPPER SIGNATURE [Signature] PRINT NAME JANE McFARLANE

DRIVER SIGNATURE [Signature] PRINT NAME HERB Bowman Jr.

SPECIAL INSTRUCTIONS:
Bill to City of Rochester

DESTINATION:
W/M Mill Heat (Bergen, NY)

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION FIRM <u>Verque</u> DATE <u>3-9-2010</u> BY <u>[Signature]</u> TIME _____	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#11

Original
 Ticket# 589134

Customer Name BERGMANN-101025NY BERGMANN AS Carrier RTO RICELLY TRUCKING
 Ticket Date 03/09/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72520 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 780907
 Destination Grid R-11-J-3
 Profile 101025NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1900EMAIN CITY OF ROCHESTER

In	Time	Scale	Operator	Inbound	Gross	70120 1b
	03/09/2010 13:35:06	Scale1	jane		Tare	28280 1b
Out	03/09/2010 13:47:53	SCALE2	robin		Net	41840 1b
					Tons	20.92

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	20.92	Tons				MON
2 P6ENV-Environments	100		%				MON
FUEL-Fuel Borchang	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	3-9-10				
TRUCK # 11	TRAILER # NA				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E main St Roch NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	Non hazardous Petroleum contaminated Profile # 101028 NY	WEIGHT IN 70120
		WEIGHT OUT 28280
		BILLED WEIGHT 41840
		589134 20.92

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE James Singleton PRINT NAME James Singleton

SPECIAL INSTRUCTIONS:
Bill Disposal to city of Rochester

DESTINATION:
mill Seat landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Ricelli</u> DATE <u>3-9-09</u>	<input type="checkbox"/> AM
BY <u>[Signature]</u> TIME	<input type="checkbox"/> PM



INVOICE

(c) 6th

Customer: BERGMANN ASSOCIATES
 Account Number: 183-0001073-1836-2
 Invoice Date: 04/16/2010
 Invoice Number: 0014266-1836-7
 Due Date: Due Upon Receipt
 WM ezPay Account ID: 00016-24548-22001

WM Mill Seat Landfill
 303 Brew Rd
 Bergen, NY 14416

(585) 494-3000
 (585) 494-3003 Fax

Current Invoice Amount	Total Amount Due
17,245.94	54,409.61

Account Summary	
Description	Amount
Previous Balance	37,163.67
Total Credits and Adjustments	0.00
Total Payments Received	0.00
Total Current Charges	17,245.94
Total Amount Due	54,409.61
Total Amount Past Due	6,004.04

Please pay total amount due. Thank you for your business.



VISIT OUR NEW WEBSITE: www.WMDisposal.com YOUR PROMPT PAYMENT IS APPRECIATED. Thank You

RECEIVED
 APR 21 2010

BY:

Want to pay this bill on-line? Go to www.wm.com to learn more about WMezPay and make a convenient, secure payment.

Description	Amount
Landfill	17,245.94
Total Current Charges	17,245.94

If full payment of the invoiced amount is not received within 30 days of the invoice date, you will be charged a monthly late fee of 1.5% of the unpaid amount, with a minimum monthly charge of \$3.00, or such lesser late fee allowed under applicable law, regulation or contract. For each returned check, a fee will be assessed on your next billing equal to the maximum amount permitted by applicable state law.

Vendor No. _____
 Invoice No. _____
 A/P Code 4453.04
 Project Dept No. _____
 G/L Code OK TO PAY
 Approved _____

Current Due	Over 30	Over 60	Over 90	Over 120	Total Due
48,405.57	6,004.04	0.00	0.00	0.00	54,409.61



WM Mill Seat Landfill
 303 Brew Rd
 Bergen, NY 14416

(585) 494-3000
 (585) 494-3003 Fax

Learn how we Think Green at www.wm.com/thinkgreen

Payment Coupon

Please detach and enclose this portion with your payment - do not send cash.

Your Account Number 183-0001073-1836-2	
Invoice Date 04/16/2010	Your Invoice Number 0014266-1836-7
Due Date Upon Receipt	Total Due 54,409.61
Amount Paid	

Waste Management introduces WM ezPay!! Pay your WM bill on-line at www.wm.com.

To pay your invoice by phone, call 866-WMI-2PAY or 866-964-2729.

18361830001073000142660000172459400005440961 8

0001761 NM 9106 CP1 11174L94

BERGMANN ASSOCIATES
 28 E MAIN ST
 ROCHESTER NY 14614-1915

WM Mill Seat Landfill
 P O Box 13648
 Philadelphia PA 19101-3648

From everyday collection to environmental protection,
 Think Green. Think Waste Management.

000162454822001



WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

Customer: BERGMANN ASSOCIATES
Account Number: 183-0001073-1836-2
Invoice Date: 04/16/2010
Invoice Number: 0014266-1836-7
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 Rochester, City Of (101028ny): 1200 E Main St: Rochester Ny 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
04/01/10	592068	Veh#: 78				
		Alternate daily cover - l/f	✓ 22.49	TON	23.00	517.27
		Environmental fee	1.00	PCT	31.04	31.04
		Fuel surcharge				22.66
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32326				
		Ticket total				570.97
04/01/10	592078	Veh#: 12				
		Alternate daily cover - l/f	✓ 24.00	TON	23.00	552.00
		Environmental fee	1.00	PCT	33.12	33.12
		Fuel surcharge				24.18
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32268				
		Ticket total				609.30
04/01/10	592083	Veh#: 11				
		Alternate daily cover - l/f	✓ 27.49	TON	23.00	632.27
		Environmental fee	1.00	PCT	37.94	37.94
		Fuel surcharge				27.69
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 26920				
		Ticket total				697.90
04/01/10	592088	Veh#: 36				
		Alternate daily cover - l/f	✓ 27.82	TON	23.00	639.86
		Environmental fee	1.00	PCT	38.39	38.39
		Fuel surcharge				28.03
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32353				
		Ticket total				706.28
04/01/10	592093	Veh#: 78				
		Alternate daily cover - l/f	✓ 22.85	TON	23.00	525.55
		Environmental fee	1.00	PCT	31.53	31.53
		Fuel surcharge				23.02
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32327				
		Ticket total				580.10
04/01/10	592104	Veh#: 12				
		Alternate daily cover - l/f	✓ 23.59	TON	23.00	542.57
		Environmental fee	1.00	PCT	32.55	32.55
		Fuel surcharge				23.76
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32350				
		Ticket total				598.88
04/01/10	592111	Veh#: 11				
		Alternate daily cover - l/f	✓ 25.21	TON	23.00	579.83
		Environmental fee	1.00	PCT	34.79	34.79
		Fuel surcharge				25.40
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 26915				
		Ticket total				640.02

From everyday collection to environmental protection,
Think Green. Think Waste Management.



Service Location: 183-1073 Rochester, City Of (101028ny): 1200 E Main St: Rochester Ny 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
04/01/10	592118	Veh#:36				
		Alternate daily cover - I/f	✓ 24.85	TON	23.00	571.55
		Environmental fee	1.00	PCT	34.29	34.29
		Fuel surcharge				25.03
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32354				
		Ticket total				630.87
04/01/10	592125	Veh#:78				
		Alternate daily cover - I/f	✓ 21.54	TON	23.00	495.42
		Environmental fee	1.00	PCT	29.73	29.73
		Fuel surcharge				21.70
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32328				
		Ticket total				546.85
04/01/10	592132	Veh#:12				
		Alternate daily cover - I/f	✓ 23.23	TON	23.00	534.29
		Environmental fee	1.00	PCT	32.06	32.06
		Fuel surcharge				23.40
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32351				
		Ticket total				589.75
04/01/10	592138	Veh#:11				
		Alternate daily cover - I/f	✓ 27.74	TON	23.00	638.02
		Environmental fee	1.00	PCT	38.28	38.28
		Fuel surcharge				27.95
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 26921				
		Ticket total				704.25
04/01/10	592144	Veh#:36				
		Alternate daily cover - I/f	✓ 24.91	TON	23.00	572.93
		Environmental fee	1.00	PCT	34.38	34.38
		Fuel surcharge				25.09
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32355				
		Ticket total				632.40
04/01/10	592148	Veh#:78				
		Alternate daily cover - I/f	✓ 24.36	TON	23.00	560.28
		Environmental fee	1.00	PCT	33.62	33.62
		Fuel surcharge				24.54
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32329				
		Ticket total				618.44
04/01/10	592157	Veh#:12				
		Alternate daily cover - I/f	✓ 23.86	TON	23.00	548.78
		Environmental fee	1.00	PCT	32.93	32.93
		Fuel surcharge				24.04
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32352				
		Ticket total				605.75
04/01/10	592167	Veh#:11				
		Alternate daily cover - I/f	✓ 24.18	TON	23.00	556.14



WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

Account Number: 183-0001073-1836-2
Invoice Date: 04/16/2010
Invoice Number: 0014266-1836-7
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 Rochester, City Of (101028ny): 1200 E Main St: Rochester Ny 14608

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Environmental fee	1.00	PCT	33.37	33.37
		Fuel surcharge				24.36
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 26922				
		Ticket total				613.87
04/01/10	592174	Veh#:36				
		Alternate daily cover - l/f	24.74	TON	23.00	569.02
		Environmental fee	1.00	PCT	34.14	34.14
		Fuel surcharge				24.92
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32356				
		Ticket total				628.08
04/01/10	592191	Veh#:12				
		Alternate daily cover - l/f	22.86	TON	23.00	525.78
		Environmental fee	1.00	PCT	31.55	31.55
		Fuel surcharge				23.03
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32270				
		Ticket total				580.36
04/01/10	592201	Veh#:11				
		Alternate daily cover - l/f	22.23	TON	23.00	511.29
		Environmental fee	1.00	PCT	30.68	30.68
		Fuel surcharge				22.39
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 26911				
		Ticket total				564.36
04/01/10	592203	Veh#:36				
		Alternate daily cover - l/f	27.23	TON	23.00	626.29
		Environmental fee	1.00	PCT	37.58	37.58
		Fuel surcharge				27.43
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32357				
		Ticket total				691.30
04/01/10	592204	Veh#:78				
		Alternate daily cover - l/f	20.49	TON	23.00	471.27
		Environmental fee	1.00	PCT	28.28	28.28
		Fuel surcharge				20.64
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 32330				
		Ticket total				520.19
04/01/10	592211	Veh#:309				
		Alternate daily cover - l/f	22.10	TON	23.00	508.30
		Environmental fee	1.00	PCT	30.50	30.50
		Fuel surcharge				22.26
		Profile # 101028ny				
		Generator city of rochester				
		Manifest # 11931				
		Ticket total				561.06
04/01/10	592215	Veh#:30				
		Alternate daily cover - l/f	18.66	TON	23.00	429.18
		Environmental fee	1.00	PCT	25.75	25.75

From everyday collection to environmental protection,
Think Green. Think Waste Management.

FOR CHANGE OF ADDRESS OR ANY SERVICE ISSUES CONTACT NUMBER ON PAGE 4



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WM Mill Seat Landfill
303 Brew Rd
Bergen, NY 14416

Account Number: 183-0001073-1836-2
Invoice Date: 04/16/2010
Invoice Number: 0014266-1836-7
Due Date: Due Upon Receipt
WM ezPay Account ID: 00016-24548-22001

Service Location: 183-1073 Rochester, City Of (101028ny); 1200 E Main St: Rochester Ny 14609

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Generator city of rochester				
		Manifest # 32332				
		Ticket total				498.87
		Late payment fee				0.00
Total Current Charges						17,245.94

*From everyday collection to environmental protection,
Think Green. Think Waste Management.*



Printed on
recycled paper.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#1

Original
 Ticket# 592068

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32326
 Destination Grid Q11-12522-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 09:23:22	SCALE1	robin		75100 lb	
Out	04/01/2010 08:36:54	SCALE2	robin		30120 lb	
					Net	44980 lb
					Tons	22.49

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	22.49	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass City of Rochester 1200 E. Main St. Rochester, NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	Non-hazardous	WEIGHT IN 75100
	Petroleum cot soil	WEIGHT OUT 30126
	Profile # 101828 NY.	BILLED WEIGHT 44986
		22.49

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE MH FORBES

DRIVER SIGNATURE Howie 554 PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

DESTINATION: Bill to the city of Rochester
Millseat Landfill Bergen NY.

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM [Signature] DATE 4-1-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#2

Original
 Ticket# 592078

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32268
 Destination Grid 011-12822-23
 PD
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 08:50:43	SCALE1	robin		75240 lb	
Out	04/01/2010 09:00:38	SCALE2	robin		28240 lb	
					Net	48000 lb
					Tons	24.00

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	24.00	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Truck 12

32268

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4/1/10				
TRUCK # 12	TRAILER # ---				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 EAST MAIN ST Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Tons	Non Hazardous Petroleum Contaminated Soil Profile 101028 NY Ticket 502078	WEIGHT IN 76240
		WEIGHT OUT 28240
		BILLED WEIGHT 48000
		Ton 2400

SHIPPER SIGNATURE Juan M H Forbes PRINT NAME JANIE MH FORBES

DRIVER SIGNATURE Marshall Burley PRINT NAME MARSHALL BURLEY

SPECIAL INSTRUCTIONS:
Bill Disposal To City of Rochester

DESTINATION:
Will send Land Fill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE (NO INITIALS) _____

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-1-10

BY Javo TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#3

Original
 Ticket# 592083

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 26920
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	83260 lb
In	04/01/2010 09:07:53	Scale1	jane		Tare	28280 lb
Out	04/01/2010 09:17:39	SCALE2	robin		Net	54980 lb
					Tons	27.49

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil.RCG-Tons	100	27.49	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

26920

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10 02-11				
TRUCK # 11	TRAILER # N/A				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bersmann Associates City of Rochester 1200 Crozier Roch NY 69320
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	NON hazardous petroleum contaminated soil Profile # 101028 NY	WEIGHT IN 83260
		WEIGHT OUT 28280
		BILLED WEIGHT 54980
		592083 27.49

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M HAAG

DRIVER SIGNATURE [Signature] PRINT NAME James Singleton

SPECIAL INSTRUCTIONS:
Haul to Mill Seat Bill Disposal to city of Roch

DESTINATION:
mill seat land fill Bersea NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>4-1-2010</u>	<input type="checkbox"/> AM
BY: <u>[Signature]</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#4

Original
 Ticket# 592008

Customer Name BERGMANN-101020NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver TIM ADAMS
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32353
 Destination Grid Q11-12622-23
 PO
 Profile 101020NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 09:33:31	Scale1	jane			83980 lb
Out	04/01/2010 09:44:30	SCALE2	robin			28340 lb
					Net	55640 lb
					Tons	27.82

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	27.82	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

36

32353

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	1 Apr 10				
TRUCK # 36	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton est.	Non-Hazardous Petroleum Contaminated Soil Profile # 101028NY	WEIGHT IN 83980
		WEIGHT OUT 28340
		BILLED WEIGHT 55640
		Ticket *592088 Tons 27.82

SHIPPER SIGNATURE Jane M.H. Forbes PRINT NAME JANE M.H. FORBES

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
Mill Seat (w/m) Bergen, NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE _____

BY _____ TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



#5

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 592093

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32327
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 09:42:04	Scale1	jane			75760 lb
Out	04/01/2010 09:53:16	SCALE2	robin			30060 lb
					Net	45700 lb
					Tons	22.85

Comments: This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
Cont Soil RC6-Tons	100	22.85	Tons				MON
PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____



NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass, City of Rochester 1200 E. Main St. Rochester NY.
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT	
20 Ton	Non-Hazardous Petroleum Cont. Soil Profile # 101028 NY.	WEIGHT IN	
		WEIGHT OUT	
		BILLED WEIGHT	
		22.85	
	75765	30069	45705

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MH FORBES

DRIVER SIGNATURE [Signature] PRINT NAME HOWIE 554

SPECIAL INSTRUCTIONS:

DESTINATION: Bill to the city of Rochester

Willseat Landfill Bergen N.J.

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM	DATE <u>4-1-10</u>
BY <u>ORACIE</u>	TIME <input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#6

Original
 Ticket# 592104

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32350
 Destination Grid Q11-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY:1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 04/01/2010 10:04:54	Scale1	jane		75340 lb	
Out 04/01/2010 10:13:36	SCALE2	robin		28160 lb	
				Net	47180 lb
				Tons	23.59

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCB-Tons	100	23.59	Tons				MON
PGENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4 1 10				
TRUCK # 12	TRAILER # —				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 EAST MAIN ST Rochester NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20	Non HAZARDOUS	WEIGHT IN 75340
TOW	PETROLEUM CONTAMINATED	WEIGHT OUT 28160
	Profile # 101028 NY	BILLED WEIGHT 47180
	Ticket 592104 TOWS	2359

SHIPPER SIGNATURE [Signature] PRINT NAME JANE MH FORBES

DRIVER SIGNATURE [Signature] PRINT NAME MARSHALL BURLEY

SPECIAL INSTRUCTIONS:
Haul To Mill seat Disposal Bill To City of Rochester
MILL SEAT Land Fill Bergen NY

FOR APPROVAL: _____
CONSIGNEE PRINT NAME _____
CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-1-2010

BY J. Gracie TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



#7

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 592111

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 25915
 Destination Grid 011-12022-23
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	78640 lb
In	04/01/2010 10:29:47	Scale1	jane		Tare	28220 lb
Out	04/01/2010 10:40:42	SCALE2	robin		Net	50420 lb
					Tons	25.21

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	25.21	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK # 11	TRAILER # N/A				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates City of Rochester 1200 E main St Roch NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	non hazardous petroleum contaminated soil Profile # 101028 NY	WEIGHT IN 78640
		WEIGHT OUT 28220
		BILLED WEIGHT 50420
		59211 25.21

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORESS

DRIVER SIGNATURE [Signature] PRINT NAME James Singleton

SPECIAL INSTRUCTIONS:
Bill Disposal to city of Rochester

DESTINATION:
mill seat landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM	DATE 4-1-2010
BY <u>Gracie</u>	TIME <input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#8

Original
 Ticket# 592118

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver TIM ADAMS
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32354
 Destination Grid Q11-12022-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 10:48:08	Scale1	jane			77940 lb
Out	04/01/2010 10:57:43	SCALE2	robin			28240 lb
					Net	49700 lb
					Tons	24.85

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	24.85	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





#36 = 32354

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	1 Apr 10				
TRUCK # 36	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est	Non-Hazardous Petroleum Contaminated Soil Profile # 101028 NY Ticket # 592118	WEIGHT IN 77940
		WEIGHT OUT 28240
		BILLED WEIGHT 49700
		24.85

SHIPPER SIGNATURE Jane Mt Forbes PRINT NAME JANE MT FORBES

DRIVER SIGNATURE Herb Bowman Jr PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
Mill Seat (w/m) Bergen, NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM	DATE <u>4-1-2010</u>
BY <u>Norave</u>	TIME <input type="checkbox"/> AM <input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#9

Original
 Ticket# 592125

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32328
 Destination Grid Q11-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 11:00:00	SCALE1	robin		73060 lb	
Out	04/01/2010 11:10:06	SCALE2	robin		29980 lb	
					Net	43080 lb
					Tons	21.54

Comments: This vehicle was over the legal weight limit.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	21.54	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass, City of Rochester 1200 E. Main St Rochester NY.
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non-contaminated soil Hazardous Petroleum cont. soil Profile # 101028 NY.	WEIGHT IN 73060
		WEIGHT OUT 29986
		BILLED WEIGHT 43080
		2154

SHIPPER SIGNATURE *Jane M H Forbes* PRINT NAME JANE MH FORBES

DRIVER SIGNATURE *Howie 554* PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

Bill to the city of Rochester

DESTINATION:

Millseat Landfill Bergen NY.

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u><i>John Jairo</i></u> DATE <u>4-1-10</u> BY <u><i>John Jairo</i></u> TIME <input type="checkbox"/> AM <input type="checkbox"/> PM	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#10

Original
 Ticket# 592132

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32351
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	74560 lb
In	04/01/2010 11:18:40	Scale1	jane		Tare	28100 lb
Out	04/01/2010 11:30:34	SCALE2	robin		Net	46450 lb
					Tons	23.23

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCS-Tons	100	23.23	Tons				MON
PGENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
TRUCK #	TRAILER #				
12	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 EAST MAIN ST Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non Hazardous	WEIGHT IN 74560
	Petroleum contaminated	WEIGHT OUT 28100
	soil	BILLED WEIGHT 46460
	Profile # 101028 with ticket 592132	23.23 Tons

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Marshall Burley PRINT NAME MARSHALL BURLEY

SPECIAL INSTRUCTIONS:

Bill Disposal To City of Rochester

DESTINATION:

Mill seat Landfill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE APRIL 1, 2010

BY Korrie TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



#11

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 592138

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 26921
 Destination Grid Q11-12622-23
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 11:46:36	Scale1	jane		83620	1b
Out	04/01/2010 11:57:12	SCALE2	robin		28140	1b
					Net	55480
					Tons	27.74

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
Cont Soil RCG-Tons	100	27.74	Tons				MON
P6ENV-Environmenta	100		%				MON
FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

26921

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME IN / OUT	
	4-1-10		
TRUCK # 11	TRAILER # N/A		

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates city of Rochester 1200 E main st Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	now hazardous petroleum contaminated soil Profile # 101028	WEIGHT IN 29 83620
		WEIGHT OUT 50 28140
		BILLED WEIGHT 55480
		592138 27.74

SHIPPER SIGNATURE [Signature] PRINT NAME James M H Forbes

DRIVER SIGNATURE [Signature] PRINT NAME James Singletel

SPECIAL INSTRUCTIONS:
Bill Disposal to city of Rochester

DESTINATION:
Mill Seat landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Syracuse</u> DATE <u>4-1-2010</u>	<input type="checkbox"/> AM
BY <u>[Signature]</u> TIME	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#12

Original
 Ticket# 592144

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver TIM ADAMS
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32355
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTV1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 12:03:25	Scale1	jane		77980 lb	
Out	04/01/2010 12:15:37	SCALE2	robin		28160 lb	
					Net	49820 lb
					Tons	24.91

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.91	Tons				MON
2 PGENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





#36

32355

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	1 Apr 10				
TRUCK #	TRAILER #				
36					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est	Non-Hazardous Petroleum	WEIGHT IN 77980
	Contaminated Soil	WEIGHT OUT 28160
	Profile # 101029 NY	BILLED WEIGHT 49820
	Ticket # 592144	24.91

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Herb Bowman PRINT NAME Herb Bowman DR

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
Mill Seat (w/m) Bergen, NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-1-2010

BY J. Graue TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#13

Original
 Ticket# 592148

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32329
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 04/01/2010 12:14:50	Scale1	jane		78620	1b
Out 04/01/2010 12:22:57	SCALE2	robin		Tare	29900 1b
				Net	48720 1b
				Tons	24.36

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.36	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK #	TRAILER #				
78	-				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass, City of Rochester 1200 E. Main St. Rochester NY.
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	Non-Hazardous Petroleum cont. soil Profile # 10128 NY	WEIGHT IN 78620
		WEIGHT OUT 29900
		BILLED WEIGHT 41220
		24,360

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME HOWIE 554

SPECIAL INSTRUCTIONS:

DESTINATION: Bill to the city of Rochester
Millseat Landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>Rordie</u> DATE <u>4/1/2010</u>	<input type="checkbox"/> AM
BY <u>[Signature]</u> TIME	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#14

Original
 Ticket# 592157

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32352
 Destination Grid 011-12022-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 12:38:26	Scale1	jane		75740	1b
Out	04/01/2010 12:49:21	SCALE2	robin		28020	1b
					Net	47720
					Tons	23.86

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.86	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Truck 12

32352

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	OUT
TRUCK # 12	TRAILER # —			

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 EAST MAIN ST Rochester NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 TON	Non HAZARDOUS Petroleum CONTAMINATED soil Profile # 101028 NY 597157 Tons	WEIGHT IN 75740
		WEIGHT OUT 28020
		BILLED WEIGHT 47720
		23.86

SHIPPER SIGNATURE Janet M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Marshall Bulley PRINT NAME MARSHALL BULLEY

SPECIAL INSTRUCTIONS:

DESTINATION: Bill Disposal To City of Rochester
Will seat land fill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-1-2010

BY Joracie TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#15

Original
 Ticket# 592167

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 26922
 Destination Grid 011-12922-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	76480 lb
In 04/01/2010 13:05:07	Scale1	jane		Tare	28120 lb
Out 04/01/2010 13:14:20	Scale2	jane		Net	48360 lb
				Tons	24.18

Comments: This vehicle was over the legal weight limit.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.18	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

(Handwritten scribble)

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

26922

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-7-10				
TRUCK #	TRAILER #				
11	MP				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Brigman Associates</i> <i>11701 W. Henrietta</i> <i>Rochester, NY 14627</i>
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
30	<i>Waste materials</i>	WEIGHT IN 76480
		WEIGHT OUT 28120
		BILLED WEIGHT 48360
		592167 24.18

SHIPPER SIGNATURE *Steve Warner* PRINT NAME Steve Warner

DRIVER SIGNATURE *[Signature]* PRINT NAME [Name]

SPECIAL INSTRUCTIONS:
Deliver to site of [illegible]

DESTINATION:
11701 W. Henrietta, Rochester, NY

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>4-7-10</u> BY <u>Warner</u> TIME _____	



#16

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14415
Ph: (585) 494-3000

Original
Ticket# 592174

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver TIM ADAMS
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32356
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 13:18:06	Scale1	jane		77580 lb	
Out	04/01/2010 13:29:27	SCALE2	robin		28100 lb	
					Net	49480 lb
					Tons	24.74

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.74	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surchang	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





310

32356

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	1 Apr 10				
TRUCK # 36	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
24 Ton Est	NON-Hazardous Petroleum	WEIGHT IN 77580
	Contaminated Soil	WEIGHT OUT 28100
	Profile # 101029 NY	BILLED WEIGHT 49480
	Ticket # 592174	24.74

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORRES

DRIVER SIGNATURE Herb Bowman PRINT NAME Herb Bowman Jr

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
Mill Heat (w/m) Bergen, NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-1-2010

BY Koracie TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#18

Original
 Ticket# 592191

Customer Name BERGMANN-101020NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32270
 Destination Grid 011-12622-23
 PO
 Profile 101020NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 04/01/2010 13:53:00	Scale1	jane		73660 lb	
Out 04/01/2010 14:02:21	SCALE2	robin		27940 lb	
				Net	45720 lb
				Tons	22.86

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	22.86	Tons				MON
2 P&ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Truck 12

32270

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
TRUCK #	TRAILER #				
12	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 East Main St Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Tons	Non Hazardous Petroleum Contaminated Soil Profile # 1210 29 NY Ticket # 592191 Tons	WEIGHT IN 73660
		WEIGHT OUT 27940
		BILLED WEIGHT 45720
		2286

SHIPPER SIGNATURE Jane Milford PRINT NAME JANE MILFORD

DRIVER SIGNATURE Marshall Buckley PRINT NAME MARSHALL BUCKLEY

SPECIAL INSTRUCTIONS:

DESTINATION: Full Disposal To City of Rochester
Phelps Co. Landfill Bergman NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>4-1-2010</u>	<input type="checkbox"/> AM
BY <u>Janice</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

H 21
 H 19

Original
 Ticket# 592201

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 11 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver JAMES
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 26911
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	72480 lb
In	04/01/2010 14:23:03	Scale1	jane		Tare	28020 lb
Out	04/01/2010 14:31:34	SCALE2	robin		Net	44460 lb
					Tons	22.23

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	22.23	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

26911

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK # 11	TRAILER # N/A				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E Main St Roch NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 ton	NON HAZARDOUS petroleum contaminated soil proceed to loads	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT
		592201
		72480
		28020
		44460
		2723

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBEJ

DRIVER SIGNATURE [Signature] PRINT NAME James Singler

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
Mill Seat landfill Bergen NJ

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION BY <u>XORQUE</u> TIME _____	FIRM _____ DATE <u>4-1-10</u> <input type="checkbox"/> AM <input type="checkbox"/> PM	



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#20
 #22

Original
 Ticket# 592203

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver TIM ADAMS
 Hauling Ticket# Check#
 Route 71250 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32357
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 04/01/2010 14:34:40	SCALE1	robin		82500 lb	
Out 04/01/2010 14:50:32	SCALE2	robin		28040 lb	
				Net	54460 lb
				Tons	27.23

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	27.23	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32357

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	1 Apr 10				
TRUCK # 36	TRAILER #				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Rochester 1200 E. Main St Rochester, NY
---	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
100 /ton	Non-Hazardous Petroleum Contaminated Soil Profile # 101028NY Ticket # 592203	WEIGHT IN 82500
		WEIGHT OUT 28040
		BILLED WEIGHT 54460
		27.23

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME Herb Bowman DR

SPECIAL INSTRUCTIONS:
Bill Disposal to City of Rochester

DESTINATION:
Mill Seat (w/m) Bergen, NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM [Signature] DATE 4-1-10

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#21

Original
 Ticket# 592204

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32330
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	70900 lb
In	04/01/2010 14:46:04	Scale1	jane		Tare	29820 lb
Out	04/01/2010 14:58:56	SCALE2	robin		Net	40980 lb
					Tons	20.49

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	20.49	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-1-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass. City of Rochester 1200 E. Main St Rochester NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton	NON-Hazardous	WEIGHT IN 70800
	Petroleum Cont. soil	WEIGHT OUT 29820
	Profile # 101028 NY.	BILLED WEIGHT 40980
		20.49

SHIPPER SIGNATURE [Signature] PRINT NAME JANE M H FORBES

DRIVER SIGNATURE [Signature] PRINT NAME HOWIE 554

SPECIAL INSTRUCTIONS:

DESTINATION: Bill to City of Rochester

Millseat Landfill Bergen NY.

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-1-2010

BY [Signature] TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#22

Original
 Ticket# 592211

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 11931
 Destination Grid Q11-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	74520 lb
In	04/01/2010 15:03:08	Scale1	jane		Tare	30320 lb
Out	04/01/2010 15:17:31	SCALE2	robin		Net	44200 lb
					Tons	22.10

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	22.10	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





11931

RICELLI TRUCKING, INC.

NYS Certified WBE 11894

P.O. Box 6401 • Syracuse, NY 13217
(315) 433-5115

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217	DATE	TIME	IN	OUT
	4-1-10			
TRUCK # 309	TRAILER #			

CONSIGNEE RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Roch 1200 E Main St Roch
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
10 TON EST	NON HAZ Cont. Soil Pro # 101028 NY Ticket # 592211	WEIGHT IN 74570
		WEIGHT OUT 30320
		BILLED WEIGHT 44.200
		22-10

SHIPPER SIGNATURE Janson H. Forbes PRINT NAME JANSON H FORBES

DRIVER SIGNATURE R Mensinger PRINT NAME R MENSINGER

SPECIAL INSTRUCTIONS:
Bill To City of Roch

DESTINATION:
Mill Seat Land fill

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM <u>16racie</u> DATE <u>4-1-2030</u>	<input type="checkbox"/> AM
BY _____ TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#231

Original
 Ticket# 592215

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 30 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 11978
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 15:11:59	Scale1	jane		56060 lb	
Out	04/01/2010 15:23:18	SCALE2	robin		28740 lb	
					Net	37320 lb
					Tons	18.66

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	18.66	Tons				MON
P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





11978

RICELLI TRUCKING, INC.
P.O. Box 6401 • Syracuse, NY 13217
(315) 433-5115

NYS Certified WBE 11894

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217	DATE	TIME	IN	OUT
	4-1-10			
TRUCK #	TRAILER #			
30	_____			

CONSIGNEE RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Assoc. City of Roch 1200 E. Main St Roch NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
	Non-Haz Petroleum	WEIGHT IN 66060
	Con. Soil	WEIGHT OUT 28740
	Profile # 10102BN	BILLED WEIGHT 37320
	TR# 592215	18.66T

SHIPPER SIGNATURE [Signature] PRINT NAME Jana Mt Forbes

DRIVER SIGNATURE [Signature] PRINT NAME Rich Roberts

SPECIAL INSTRUCTIONS:
Bill Disposal City of Rochester

DESTINATION:
Mill Seal w/for Bergen NY

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>4-1-10</u>	<input type="checkbox"/> AM
BY <u>Trace</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#24

Original
 Ticket# 592218

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/01/2010 Vehicle# 12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver MARSHALL
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32271
 Destination Grid Q11-12622-23
 PQ
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY:1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/01/2010 15:17:19	Scale1	jane		74860	1b
Out	04/01/2010 15:29:49	SCALE2	robin		27860	1b
					Net	47000 1b
					Tons	23.50

Comments This vehicle was over the legal weight limit .

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	23.50	Tons				MON
2 PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surchang	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Truck 12

32271

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4 / 1 / 10				
TRUCK #	TRAILER #				
12	—				

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Associates City of Rochester 1200 E MAIN ST Rochester NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Tons	Non Hazardous	WEIGHT IN 74860
	Petroleum contaminated	WEIGHT OUT 27860
	Profile # 101028 NY	BILLED WEIGHT 47000
		Ticket 592218 TON 23.50

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Marshall Buckley PRINT NAME Marshall Buckley

SPECIAL INSTRUCTIONS:
Bill Disposal To City of Rochester

DESTINATION:
Mill seat Landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____	
CONSIGNEE SIGN HERE _____ (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>4-1-10</u>	<input type="checkbox"/> AM
BY <u>J Gracle</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#1

Original
 Ticket# 592434

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/05/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 11805
 Destination Grid Q11-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	71900 lb
In 04/05/2010 08:30:01	Scale1	jane		Tare	30660 lb
Out 04/05/2010 08:41:32	SCALE2	robin		Net	41240 lb
				Tons	20.62

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	20.62	Tons				MON
2 PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





11805

RICELLI TRUCKING, INC.
P.O. Box 6401 • Syracuse, NY 13217
(315) 433-5115

NYS Certified WBE 11894

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217	DATE	TIME	IN /	OUT
	4-5-10			
TRUCK # 309	TRAILER #			

CONSIGNEE RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann ASSO. City of Roch. 1200 E. main ST Rock, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton EST	NON. Haz. Petroleum Cont. PRO# 101028 NY Ticket# 592434	WEIGHT IN 71900
		WEIGHT OUT 30660
		BILLED WEIGHT 41240
		20.62

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE R Nersinger PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:

Bill to City of Roch.

DESTINATION:

Mill Seat Land Fill Berger N.Y.

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE <u>4.5.2010</u> BY <u>J. Grace</u> TIME _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	



#2

Mill Seat Landfill
303 Brew Rd.
Bergen, NY, 14416
Ph: (585) 494-3000

Original
Ticket# 592441

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RIDELLI TRUCKING
 Ticket Date 04/05/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32294
 Destination Grid 011-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	73020 lb
In	04/05/2010 08:57:04	Scale1	jane		Tare	29160 lb
Out	04/05/2010 09:11:20	SCALE2	robin		Net	44660 lb
					Tons	22.33

Comments This vehicle was over the legal weight limit .

Product	LD%	Qty	UDM	Rate	Tax	Amount	Origin
1 Cont Soil RC6-Tons	100	22.33	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32294

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER <i>404 405</i> RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	<i>4-5-10</i>				
TRUCK #		TRAILER #			
<i>49</i>					

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER <i>Benjamin Associates</i> CITY OF ROCHESTER 1200 E MAIN ST ROCHESTER NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
<i>20, Ton</i>	NON-HAZ Petroleum contaminated Soil profile # 101028 NY # 592441 Ton	WEIGHT IN <i>73820</i>
		WEIGHT OUT <i>29160</i>
		BILLED WEIGHT <i>44660</i>
		<i>22,33</i>

SHIPPER SIGNATURE *James M H Forbes* PRINT NAME JAMES M H FORBES

DRIVER SIGNATURE *Don Murphy 634* PRINT NAME Don Murphy

SPECIAL INSTRUCTIONS:

Bill to City of Rochester

DESTINATION:

W/M Mill Seat Land Fill Bergen NY

FOR APPROVAL:

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-5-2010

BY J. Grace TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

Original
 Ticket# 592451

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/05/2010 Vehicle# 309 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver RICK N.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 11787 Grid 011-12622-23
 Destination PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/05/2010 09:45:25	Scale1	jane		78880	lb
Out	04/05/2010 10:05:49	SCALE2	robin		30500	lb
					Net	48280 lb
					Tons	24.14

Comments: This vehicle was over the legal weight limit .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	24.14	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





11787

RICELLI TRUCKING, INC.
P.O. Box 6401 • Syracuse, NY 13217
(315) 433-5115

NYS Certified WBE 11894

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-5-10				
TRUCK #	TRAILER #				
309					

CONSIGNEE RICELLI TRUCKING, INC. P.O. BOX 6401 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann ASSO. City of Roch 1200 E main ST Roch, NY
--	---

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton EST	Non. Haz. Petroleum Cont. Pro. # 101028 NY Ticket # 593451	WEIGHT IN 78880
		WEIGHT OUT 30600
		BILLED WEIGHT 48280
		24.14

SHIPPER SIGNATURE *Jane M Forbes* PRINT NAME JANE M FORBES

DRIVER SIGNATURE *R Nersinger* PRINT NAME R NERSINGER

SPECIAL INSTRUCTIONS:
Bill to City of Roch

DESTINATION:
Mill Seat Land Fill Bergen N.Y.

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-5-2010

BY J. Gracie TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

Original
 Ticket# 532469

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RID RICELLI TRUCKING
 Ticket Date 04/05/2010 Vehicle# 49 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver DAN M.
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32309
 Destination Grid Q11-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/05/2010 10:20:05	Scale1	jane		72960 lb	
Out	04/05/2010 10:34:56	SCALE2	robin		29100 lb	
					Net	43860 lb
					Tons	21.93

Comments This vehicle was over the legal weight limit .

Product	LB%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	21.93	Tons				MDN
2 P6ENV-Environmenta	100		%				MDN
3 FUEL-Fuel Surcharg	100		%				MDN

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
 P.O. Box 6418
 Syracuse, NY 13217
 (315) 433-5115

Rochester
 6800 W. Henrietta Road
 Rush, NY 14543
 (585) 344-8410

Geneva
 1210 Gifford Road
 Phelps, NY 14532
 (315) 548-4049

32309

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-5-10				
TRUCK #	TRAILER #				
49					

CONSIGNEE RICELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergmann Associates CITY OF ROCHESTER 1200 EAST MAIN ST ROCHESTER NY
--	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20. Ton	Non-Haz	WEIGHT IN 72960
	petroleum contaminated soil	WEIGHT OUT 29100
	Profile # 101028 NY #592469	BILLED WEIGHT 43860
	TON	21.93

SHIPPER SIGNATURE Jane M Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Dan Mangsten 634 PRINT NAME Dan Mangsten

SPECIAL INSTRUCTIONS:
Bill To City of Rochester

DESTINATION:
w/m Mill Seat Land Fill Barton NY

FOR APPROVAL: _____

CONSIGNEE PRINT NAME _____

CONSIGNEE SIGN HERE _____
(NO INITIALS)

RECEIVED ABOVE MATERIAL IN GOOD CONDITION

FIRM _____ DATE 4-5-2010

BY KOCAL TIME _____

AM
 PM

Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

Original
 Ticket# 592484

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/05/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32332 Grid 011-12622-23
 Destination PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	69260 lb
In	04/05/2010 11:20:16	Scale1	jane		Tare	29960 lb
Out	04/05/2010 11:46:26	SCALE2	robin		Net	39300 lb
					Tons	19.65

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	19.65	Tons				MON
2 PEENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-5-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass City of Rochester 1200 E. Main St Rochester NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 TON EST.	Non-Hazardous Petroleum Cont. Soil Profile # 101028 NY #592484	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT
		19165
		69260
		29965
		39305

SHIPPER SIGNATURE Jane M H Forbes PRINT NAME JANE M H FORBES

DRIVER SIGNATURE Howie 554 PRINT NAME Howie 554

SPECIAL INSTRUCTIONS:

Bill to the city of Rochester

DESTINATION:

Willseat Landfill Bergen NY

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>4-5-2010</u>	<input type="checkbox"/> AM
BY <u>Koracie</u> TIME _____	<input type="checkbox"/> PM



Mill Seat Landfill
 303 Brew Rd.
 Bergen, NY, 14416
 Ph: (585) 494-3000

#4

Original
 Ticket# 592457

Customer Name BERGMANN-101028NY BERGMANN AS Carrier RIC RICELLI TRUCKING
 Ticket Date 04/05/2010 Vehicle# 78 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver HOWIE
 Hauling Ticket# Check#
 Route 72500 Billing # 0001073
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 32231
 Destination Grid Q11-12622-23
 PO
 Profile 101028NY (NON HAZ PETROLEUM CONTAMINATED SOIL)
 Generator 190-ROCHESTERCTY12000EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	04/05/2010 09:50:54	Scale1	jane		71400	1b
Out	04/05/2010 10:13:20	SCALE2	robin		30060	1b
					Net	41420 1b
					Tons	20.71

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil RCG-Tons	100	20.71	Tons				MON
2 P6ENV-Environmenta	100		%				MON
3 FUEL-Fuel Surcharg	100		%				MON

Total Tax
 Total Ticket

Driver's Signature _____





Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

32331

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	4-5-10				
TRUCK #	TRAILER #				
78	—				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Bergman Ass. City of Rochester 1200 E. Main St. Rochester NY
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
20 Ton Est.	Non-Hazardous Petroleum cont. soil Profile # 101028 NY.	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT
		20.71

SHIPPER SIGNATURE *James H. Forbes* PRINT NAME JAMES M. FORBES

DRIVER SIGNATURE *Howard 554* PRINT NAME Howard 554

SPECIAL INSTRUCTIONS:

DESTINATION: Bill to the city of Rochester

Will seat landfill Bergen NY.

FOR APPROVAL:	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME	
CONSIGNEE SIGN HERE (NO INITIALS)	
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	
FIRM _____ DATE <u>4-5-2010</u>	<input type="checkbox"/> AM
BY <u>KORICELLI</u> TIME _____	<input type="checkbox"/> PM

KIMBALL TRUCKING
 1807 TEBOR ROAD
 WEBSTER NY 14580-9746



WBE CERTIFIED	Date	Invoice Num...
	7/12/2010	2461

TRUCKING EXCAVATING EQUIPMENT EQUIPMENT HAULING	MARK SOUCY CELL - 585-738-0494
---	--------------------------------------

OFFICE AND SHOP 585-265-2539 NEW FAX#585-265-2594 SHARON'S CELL 585-752-1753	Terms
--	-------

P.O. Number

Due upon
Receipt

Bill To

BERGMANN ASSOCIATES
 28 EAST MAIN STREET
 200 FIRST FEDERAL PLAZA
 ROCHESTER NY 14614-1909

CITY OF ROCH

Date	Ticket-...	Qty	Unit	Item	Job Location and Pit	Rate	Amount
7/8/2010	17023-CAT31 2	1	MINIMUM	SHOVEL RENTAL	RENTAL OF CAT 312 PER DAY WITH OPERATOR	600.00	600.00
7/8/2010	13119-KJ25	6.5	HOURS	RIP RAP TRANSPORT...	BIG ROCK TRANSPORTATION FROM 1200 EAST MAIN STREET TO MT. READ BLVD	100.00	650.00

RECEIVED
 JUL 13 2010
 BY:.....

Vendor No. _____
 Invoice No. _____
 A/P Code _____
 Project Dept No. 1453-04
 G/L Code _____
 Approved OK TO PAY

Subtotal	\$1,250.00
Sales Tax (8.0%)	\$48.00
Total	\$1,298.00
Payments/Credits	\$0.00
Balance Due	\$1,298.00

PLEASE SEND TAX EXEMPT FORM IF
 APPLICABLE

Office/Shop
Phone 585-265-2539
Fax 585-265-2594

Mark's Cell
585-738-0494

Sharon's Cell
585-752-1753



Ernest R. Kimball, Inc., D.B.A.

KIMBALL TRUCKING

WBE CERTIFIED

1807 TEBOR RD • WEBSTER, NY 14580-9746
TRUCKING • EXCAVATING EQUIPMENT • EQUIPMENT HAULING

P.O.# _____ Date 7/2/10
Sold To BERGMANN ASSOCIATES / CITY OF ROCK
Job Location 1200 E. MAIN ST
Pit Location MT ROAD OPERATIONS CENTER
Operator _____ Truck No. _____

EXCAVATING

DELIVERING ONLY

DELIVERING AND MATERIAL

TONS-LBS-YDS-HRS	COMMODITY	PIT TICKET #
	GRAVEL	
	SAND	
	STONE	
	TOP SOIL	
	FILL DIRT	
	TRUCKING TIME	
	START END	
	TRAVEL TIME	
	<input type="checkbox"/> 6 Wheeler	
	<input type="checkbox"/> 10 Wheeler	
	<input type="checkbox"/> Tri Axle	
	<input type="checkbox"/> Trailer	
	<u>3 LOADS LEFT @ 11:52 - TO COMPLETE JOB</u>	
	<u>3 OFF SITE</u>	

Do Not Write Below This Line - Office Use Only

A service charge of 2% per month (24% ANNUAL RATE) will be added to all accounts 30 days past due.
WHEN ORDERED TO USE DRIVEWAY, WE DO SO AT YOUR RISK AND WILL NOT BE RESPONSIBLE FOR BROKEN WALKS, DRIVEWAY, ETC.

No. **17023** Rec'd By [Signature]

CUSTOMER COPY

CAT 312

Dominick, Mark

KIL TRUCKING COMPANY

PLATE 16 362 JV

FORD 9000 12 WHITE

0740 ONSITE

UNLOAD

0800 LOAD TRUCK

0853 AM FIRST TRUCK UNLOAD @ YARD NO GO

Dominick CALLED ME.

0859 AM CALL TO JANE ONSITE AT YARD

↳ RECEIVED CALL FROM OPERATIONS

WILL TAKE CARE OF

0900 AM CALL TO Dominick JANE IS PULLING IN DRIVEWAY @ YARD

WILL TAKE CARE OF PROBLEM

0916 AM CALL FROM SHARON @ KUMBAU

MSG - TRUCK WAITING 40 MIN TO DUMP.

MAY COST MORE? CALL SHARON.

0923 AM CALL FROM JANE

- PROBLEM TAKE CARE OF

- CALL ABOUT ANOTHER ITEM. CALL JANE

1016 2TH CALL TO JANE

- FINISH JOB "BUT"

- CONTRACTOR OFF CITY JOBS

YARD WOULD NOT ACCEPT WASTE THEN DID NOT KNOW WAS CALLING

o DRIVER OF DUMP - HOUGHTY NAME CALLING

o WHEN ASKED WHO HE WAS WORKING FOR

REPLIED "SILVER FAT CATS DOWNTOWN"

o DROPPED THE "N" WORD.

1030 CALL TO SHARON

↳ SHE STATED THAT DRIVER GOT ACCESS BUT WAITED

40 MIN TO GET IN

- INFORMED HER OF THE ABOVE.

o SHE WAS NOT AWARE OF ALL OF IT

o IT DID NOT SOUND LIKE DOMINICK

1125 SPOKE TO MARK SUSSI @ JOB SITE RE: THE ABOVE.

1154 3 TRUCKS GONE

3 TRUCKS REMAIN

} CONTRACTOR TO LOCK GATE



ERNEST R. KIMBALL, INC
D.B.A. KIMBALL TRUCKING
1807 TEBOR ROAD
WEBSTER NY 14580-9746

W.B.E. CERTIFIED
D.E.C. PERMITTED

BERGMANN ATTN: JIM MARCHNER
E-MAIL ADDRESS JMARSCHNER@BERGMANNPC.COM
AND SDEMEO@BERGMANNPC.COM

JULY 1, 2010

PRICE QUOTE FOR TRANSPORTATION OF LARGE RUBBLE FROM 1200 EAST
MAIN STREET TO 945 MT. READ BLVD \$100.00 PER HOUR

RENTAL OF CAT 312 EXCAVATOR WITH OPERATOR \$600.00 FOR THE JOB

WE ESTIMATE THE WHOLE JOB COULD BE DONE IN LESS THAN 6 HOURS
WHICH WOULD BE APPROXIMATELY \$1,200.00 ON OR BEFORE 7/2/10

ALL HOURLY TRUCKS WILL RECEIVE 1/2 HOUR TRAVEL PER TRUCK, PER
DAY, ADDED AT THE END OF THE DAY

PLEASE BE ADVISED THAT IN THE EVENT THAT FUEL PRICES AT THE PUMP
LOCALLY SHOULD RISE ABOVE \$4.50 PER GALLON WE WILL FIND IT
NECESSARY TO ADJUST OUR RATES

NET DUE 30 DAYS.
ALL ACCOUNTS OVER 30 DAYS SUBJECT TO 2% SERVICE CHARGE

QUOTE GOOD UNTIL JULY 31, 2010

SHARON KIMBALL ZIMMERMAN

~DATE _____

IF YOU ACCEPT ---SIGN HERE [Signature] ~DATE 7/2/10
AND RETURN BY FAX OR MAIL

Marschner

WBE CERTIFIED

DEC PERMITTED

OFFICE/SHOP
585-265-2539

FAX
585-265-2594

SHARON'S CELL
585-752-1753

MARK'S CELL
585-738-0494



WEEKLY PAYROLL

For Contractor's Optional Use

The use of this form meets payroll notification requirements; as stated on the Payroll Records Notification.

NAME OF CONTRACTOR	SUBCONTRACTOR	ADDRESS		PROJECT OR CONTRACTOR NO.	(1) NAME, ADDRESS, AND SOCIAL SECURITY NUMBER OF EMPLOYEE	(2) NO. OF WITH-HOLDINGS	(3) WORK CLASSIFICATION	(4) DAY AND DATE							(5) GROSS AMOUNT EARNED	WITH-HOLDING TAX	OTHER DEDUCTIONS	TOTAL DEDUCTIONS	(6) NET WAGES PAID FOR WEEK						
		FOR WEEK ENDING	PROJECT AND LOCATION					SU	M	TU	W	TH	FR	SA						TO					
ERNEST R. KIMBALL, INC. DBA KIMBALL TRUCKING		16-0963249	7/10/10	1807 TEBOR ROAD WEBSTER NY 14580-9746	DOMINIC LANG/KJL TRUCKING 684 LAKESHORE BLVD ROCH. NY 130-44-7991	N/A	OWNER/OP HEAVY HIGHWAY	4	5	6	7	8	9	10	6.5				\$585.00	N/A	585.00				

This certification must be completed on each weekly payroll form used by the contractor of subcontractor

Date AUGUST 26, 2010

SHARON ZIMMERMAN

PRESIDENT/CEO

do hereby state: (1) That I pay or supervise the payment of the persons employed by

(Name of signatory party)

(Title)

ERNEST R. KIMBALL, INC.

JULY 2010, and ending the 10

day of 4

that during the payroll period commencing on the 4 day of JULY 2010


all persons employed on said project have been paid the full weekly wages earned, that no rebate have been or will be made either directly or indirectly to or on behalf of said ERNEST R. KIMBALL, INC. DBA KIMBALL TRUCKING from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions in Articles 8 and 9 and described below.

(2) That any payrolls submitted for the above period are correct and complete; that the wage rates for laborers, workers, or mechanics contained therein are not less than the classifications set forth therein for each laborer, worker, or mechanic and conform with the work he/she performed.

(3) That any apprentice employed in the above period are duly enrolled in a bona fide apprentice program registered with the State of New York Apprenticeship Training Bureau.

(4) (a) Where fringe benefits are paid in cash: Each laborer, worker, or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly rate plus the amount of the required fringe benefits as listed in the contract.

(b) Where fringe benefits are paid to approved plans, funds, or programs: In addition to the basic hourly wage rates paid to each laborer, worker, or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees.

Name of Worker	Trade	Hrs. worked	Hourly Benefits						Total / Hr. benefits	Total benefits
			Medical	Dental	Annuity	Pension	Life Insurance	Other		
										
Signature <u>Sharon Zimmermann President</u>										

The willful falsification of any of the above statements may subject the contractor or subcontractor to civil or criminal prosecution see Article 8 and 9 of the Labor Law

Generator's Non-hazardous Waste Profile Sheet



Requested Disposal Facility Mill Seat Landfill, Riga Profile Number _____
 Renewal for Profile Number _____ Waste Approval Expiration Date _____

A. Waste Generator Facility Information (must reflect location of waste generation/origin)

1. Generator Name: City of Rochester
 2. Site Address: 1200 East Main Street
 3. City/ZIP: Rochester / 14614
 4. State: New York
 5. County: Monroe
 6. Contact Name/Title: Jane Forbes
 7. Email Address: Forbesj@CityofRochester.gov
 8. Phone: (585) 428-7892 9. FAX: _____
 10. NAICS Code: _____
 11. Generator USEPA ID #: _____
 12. State ID# (if applicable): _____

B. Customer Information same as above

1. Customer Name: Bergmann Associates 6. Phone: (585) 428-7474 FAX: (585) 428-6010
 2. Billing Address: 28 East Main Street 7. Transporter Name: Riccelli Enterprises, Inc.
 3. City, State and ZIP: Rochester, NY 14614 8. Transporter ID # (if appl.): _____
 4. Contact Name: _____ 9. Transporter Address: 6800 West Henrietta Road
 5. Contact Email: _____ 10. City, State and ZIP: Rush, NY 14543

C. Waste Stream Information

1. DESCRIPTION

a. Common Waste Name: Non-hazardous petroleum contaminated soil
 State Waste Code(s): _____

b. Describe Process Generating Waste or Source of Contamination:

Virgin petroleum contaminated soil - Areas 1A and 1B.

c. Typical Color(s): Brown / Dark Brown

d. Strong Odor? Yes No Describe: _____

e. Physical State at 70°F: Solid Liquid Powder Semi-Solid or Sludge Other: _____

f. Layers? Single layer Multi-layer NA

g. Water Reactive? Yes No If Yes, Describe: _____

h. Free Liquid Range (%): _____ to _____ NA(solid)

i. pH Range: ≤2 2.1-12.4 ≥12.5 NA(solid) Actual: _____

j. Liquid Flash Point: < 140°F ≥ 140°F NA(solid) Actual: _____

k. Flammable Solid: Yes No

l. Physical Constituents: List all constituents of waste stream - (e.g. Soil 0-80%, Wood 0-20%): (See Attached)

Constituents (Total Composition Must be > 100%)	Lower Range	Unit of Measure	Upper Range	Unit of Measure
1. <u>Soil</u>	<u>90%</u>		<u>99%</u>	
2. <u>cobble & stones</u>	<u>1%</u>		<u>1%</u>	
3. <u>petroleum (gasoline)</u>	<u>0%</u>		<u>1%</u>	
4. _____				
5. _____				
6. _____				

2. ESTIMATED QUANTITY OF WASTE AND SHIPPING INFORMATION

a. One Time Event Base Repeat Event

b. Estimated Annual Quantity: 207 Tons Cubic Yards Drums Gallons Other (specify): _____

c. Shipping Frequency: one or two events Units per Month Quarter Year One Time Other

d. Is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If yes, answer e.) Yes No

e. USDOT Shipping Description (if applicable): Not Applicable

3. SAFETY REQUIREMENTS (Handling, PPE, etc.): None



Generator's Non-hazardous Waste Profile Sheet

D. Regulatory Status (Please check appropriate responses)

- Is this a USEPA (40 CFR Part 261)/State hazardous waste? If yes, contact your sales representative. Yes No
- Is this waste included in one or more of categories below (Check all that apply)? If yes, attach supporting documentation. Yes No
 - Delisted Hazardous Waste
 - Excluded Wastes Under 40 CFR 261.4
 - Treated Hazardous Waste Debris
 - Treated Characteristic Hazardous Waste
- Is the waste from a Federal (40 CFR 300, Appendix B) or state mandated clean-up? If yes, see instructions. Yes No
- Does the waste represented by this waste profile sheet contain radioactive material? Yes No
 - If yes, is disposal regulated by the Nuclear Regulatory Commission? Yes No
 - If yes, is disposal regulated by a State Agency for radioactive waste/NORM? Yes No
- Does the waste represented by this waste profile sheet contain concentrations of regulated Polychlorinated Biphenyls (PCBs)? Yes No
 - If yes, is disposal regulated under TSCA? Yes No
- Does the waste contain untreated, regulated, medical or infectious waste? Yes No
- Does the waste contain asbestos? Yes No
If Yes, Friable Non Friable
- Is this profile for remediation waste from a facility that is a major source of Hazardous Air Pollutants (Site Remediation NESHAP, 40 CFR 63 subpart GGGGG)? Yes No
If yes, does the waste contain <500 ppmw VOHAPs at the point of determination? Yes No

E. Generator Certification (Please read and certify by signature below)

By signing this Generator's Waste Profile Sheet, I hereby certify that all:

- Information submitted in this profile and all attached documents contain true and accurate descriptions of the waste material;
- Relevant information within the possession of the Generator regarding known or suspected hazards pertaining to this waste has been disclosed to WM/the Contractor;
- Analytical data attached pertaining to the profiled waste was derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules; and
- Changes that occur in the character of the waste (i.e. changes in the process or new analytical) will be identified by the Generator and disclosed to WM (and the Contractor if applicable) prior to providing the waste to WM (and the Contractor if applicable).
- Check all that apply:

Attached analytical pertains to the waste. Identify laboratory & sample ID #'s and parameters tested:

Laboratory data previously submitted # Pages: N/A

Only the analyses identified on the attachment pertain to the waste (identify by laboratory & sample ID #'s and parameters tested).

Attachment #: (previously submitted)

Additional information necessary to characterize the profiled waste has been attached (other than analytical).

Indicate the number of attached pages: _____

I am an agent signing on behalf of the Generator, and the delegation of authority to me from the Generator for this signature is available upon request.

By Generator process knowledge, the following waste is not a listed waste and is below all TCLP regulatory limits.

Certification Signature: _____ Title: _____

Company Name: _____ Name (Print): _____

Date: _____

FOR WM USE ONLY

Management Method: Landfill Bioremediation Approval Decision: Approved Not Approved

Non-hazardous solidification Other: _____ Waste Approval Expiration Date: _____

Management Facility Precautions, Special Handling Procedures or Limitation on approval: _____

- Shall not contain free liquid
- Shipment must be scheduled into disposal facility
- Approval Number must accompany each shipment
- Waste Manifest must accompany load

WM Authorization Name / Title: _____ Date: _____

State Authorization (if Required): _____ Date: _____



283558

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 29 10

TRUCKER COPY

Charge To Bergman Associates City of Rochester

Job Site 1700 E Main Rochester NY 7

Truck No. 11 Driver Jones Hours 8.67

Wgt. _____ Yards _____ Loads 9

Contractor's Signature _____

A.M.		P.M.	
IN	OUT	IN	OUT
<u>8:00</u>		<u>3:00</u>	



283559

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 30 10

TRUCKER COPY

Charge To Bergman Associates City of Rochester

Job Site 1700 E Main Rochester NY

Truck No. 11 Driver _____ Hours 7.75

Wgt. _____ Yards _____ Loads 6

Contractor's Signature _____

A.M.		P.M.	
IN	OUT	IN	OUT
<u>7:30</u>			<u>3:15</u>

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

224446

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-29-10

TRUCKER COPY

Charge To Bergman Ass.

Job Site E. Main St.

Truck No. 78 Driver Howie 554 Hours 7

Wgt. 15000 Yards 100 Loads 1111

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
8:00	NO	Lunch	3:00

1468206

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

224447

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-30-10

TRUCKER COPY

Charge To Bergman Ass.

Job Site S. Plymouth Ave / E. Main St.

Truck No. 78 Driver Howie 554 Hours 6

Wgt. 15000 Yards 100 Loads 111

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
9:00	NO	Lunch	3:00

1468206



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

28406

Date 3-30-10

Charge To Bergmann

Job Site S. Plymouth To Main St 9/14

Truck No. 30 Driver Dick Robertson

Wgt. Yards Loads 11111

Contractor's Signature *James H. Fuller*

IN	730	A.M.	OUT	IN	OUT	P.M.	OUT	745
----	-----	------	-----	----	-----	------	-----	-----



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

27350

Date 3 30 10

Charge To Bergman ASSOCIATES

Job Site Plymouth + Main

Truck No. 12 Driver M. Marshall Barclay

Wgt. Yards Loads 6

Contractor's Signature *James H. Fuller*

IN	730	A.M.	OUT	IN	OUT	P.M.	OUT	300
----	-----	------	-----	----	-----	------	-----	-----



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

2244

Date 3-30-10

Charge To Bergman Ass.

Job Site S. Plymouth Ave / E. Main St

Truck No. 78 Driver *James H. Fuller*

Wgt. Yards Loads 111

Contractor's Signature *James H. Fuller*

IN	900	A.M.	OUT	IN	OUT	P.M.	OUT	5:00
----	-----	------	-----	----	-----	------	-----	------



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

283509

Date 3-30-10

Charge To Bergman Associates City of Rochester

Job Site *Plymouth Ave / Rochester NY*

Truck No. 11 Driver *James H. Fuller*

Wgt. Yards Loads 6

Contractor's Signature *James H. Fuller*

IN	730	A.M.	OUT	IN	OUT	P.M.	OUT	3:15
----	-----	------	-----	----	-----	------	-----	------

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

273310

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 30 10

TRUCKER COPY

Charge To Bergman Associates

Job Site Plymouth + Main Hours 7.5

Truck No. 12 Driver Marshall Burley

Wgt. _____ Yards _____ Loads 6

Contractor's Signature James H. [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:30	/	/	3:00

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

273311

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 31 10

TRUCKER COPY

Charge To Bergman

Job Site Plymouth + Main Hours 7.25

Truck No. 12 Driver M Burley

Wgt. _____ Yards _____ Loads 8

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:45	/	/	2:55

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

224448

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-31-10

TRUCKER COPY

Charge To Bergman Ass.

Job Site S. Plymouth Ave / E. Main St.

Truck No. 79 Driver Howie 554 Hours 7

Wgt. _____ Yards _____ Loads |||||

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:30	NO	Lunch	2:30

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

273309

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 29 10

TRUCKER COPY

Charge To Bergman Associates

Job Site From Plymouth to Main

Truck No. 12 Driver W. Buckley Hours 7.75

Wgt. _____ Yards _____ Loads 9

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
8:00	—	—	3:45



283560

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-31-10

Charge To Bergman ASSOCIATES City of Rochester

Job Site Wagon Road Park NY

Truck No. 11 Driver James Hours 7

Wgt. Yards Loads 9

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
9:00					3:00
1468206					

TRUCKER COPY



284066

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-30-10

Charge To Bergman

Job Site S. Plymouth to Main St 7/4

Truck No. 30 Driver Rick Roberts Hours 7/4

Wgt. Yards Loads |||||

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
7:30					2:45

TRUCKER COPY

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

284068

Date 3-31-10

Charge To Bergmann

Job Site S. Plymouth to Main St

Truck No. 30 Driver Rick Hours 7:16

Wgt. _____ Yards _____ Loads |||||

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
7:30					2:30

TRUCKER COPY

**RICELLI
ENTERPRISES
INC.**



PRESS HARD WHEN WRITING

2890771

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 29 Mar 10

Charge To Bergmann Assoc.

Job Site S. Plymouth / E. Main St

Truck No. 36 Driver H. Brown Hours 7.75

Wgt. (22TON approx) Yards _____ Loads 9

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
8:00		/	/		3:45

OFFICE COPY 2



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

2733-1

Date 3-31-10

Charge To Bergman

Job Site Plymouth + Main

Truck No. 12 Driver M. Barley

Wgt. Yards Loads 8

Contractor's Signature JDS

IN	7:45	A.M.	OUT	1	P.M.	OUT	2:55
IN		A.M.	OUT	1	P.M.	OUT	



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

2840-8

Date 3-31-10

Charge To Bergman

Job Site S. Plymouth to Main St

Truck No. 30 Driver Rick

Wgt. Yards Loads 441W

Contractor's Signature JDS

IN	7:30	A.M.	OUT		P.M.	OUT	2:30
IN		A.M.	OUT		P.M.	OUT	



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

2835-0

Date 3-31-10

Charge To Bergman Associates City of Albany

Job Site 1700 E Main + Back NY

Truck No. 11 Driver James 5000 Hours

Wgt. Yards Loads 9

Contractor's Signature JDS

IN	9:00	A.M.	OUT		P.M.	OUT	3:00
IN		A.M.	OUT		P.M.	OUT	



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

2244-0

Date 3-31-10

Charge To Bergman Ass.

Job Site S. Plymouth Ave. / E. Main St.

Truck No. 78 Driver Houer 55H

Wgt. Yards Loads 441W

Contractor's Signature JDS

IN	7:30	A.M.	OUT	NO	P.M.	OUT	2:30
IN		A.M.	OUT	Lunch	P.M.	OUT	

CONTRACTOR'S COPY

CONTRACTOR'S COPY



PO Box 24398
Rochester, NY 14624

Invoice

Date	Invoice #
3/26/2010	6830

Bill To
BERGMANN ASSOCIATES, INC. ATTN: ACCTS PAYABLE 200 FIRST FEDERAL PLAZA 28 E. MAIN ST. ROCHESTER NY 14614

Project Site Address
1200 EAST MAIN ST. ROCHESTER, NY

Job No.	P.O. No.	Terms	Cust Phone:
R5782	15916	NET 10	232.5135

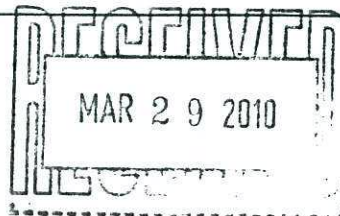
Qty	Description	Rate	Amount
	CONTACT: ED JONES PROJECT NO. 4453.04, INVOICE NO. 15916 MARCH 22, 2010 VACUUMED AS MUCH GASOLINE FROM EXCAVATION AS POSSIBLE, TRANSPORTED WASTE FOR PROPER DISPOSAL. AS PER UNIT RATES:		
1	MOBILIZATION - LUMP SUM	150.00	150.00T
1.5	EQUIPMENT OPERATOR & VACUUM TRUCK - PER HR - PREVAILING WAGE	145.00	217.50T
1	TRANSPORTATION - PER LOAD	700.00	700.00T
1,000	DISPOSAL, GASOLINE MIXTURE - PER GALLON	0.45	450.00T
1	TANKER CLEANING	300.00	300.00T
	** JOB COMPLETE **	0.00	0.00
	** CERTIFIED PAYROLL ATTACHED **	0.00	0.00T
	Proj. No. <u>4453.04</u>		
	Org. <u>acct/inv</u>		
	Eno. _____		
	Full Copy _____		
	Copies to <u>gflusue</u>		
		4453.04	
		OK	
		Gay + Fred	
		3-29-10	

It's been a pleasure working with you!

Subtotal \$1,817.50

Sales Tax (8.0%) \$145.40

Total \$1,962.90



Phone #	Fax #
585.436.5660	585.436.6139

Web Site
www.nye-tech.com

WORK ORDER

Truck# 23

Stop# 4

Box In _____ Box Out HEC Box Size /Number: 20

Company: Metrair Building PO #: _____
Contact: Steve Phone # 585-770-4332
Services Address: 100 East Main Street
Rochester, N.Y.

Details: Next to auto zone

- MANIFEST
- TRAILER
- LEED
- TARP
- LINERS
- DELIVERY SWITCH OUT ~~EMPTY & RETURN~~ PULL & REMOVE RE-SPOT
- C&D HARDFILL MSW CARDBOARD WOOD METAL
- DRYWALL OTHER Concrete & Asphalt
- ASBESTOS: NON FRIABLE FRIABLE BAGGED BULK

Date: 3/15 Time Requested: _____ am _____ pm

Ticket # 213258 Tonnage: 1 load

Dumpsite: Dolomite Gates Account RT or _____

Drivers Notes: Dropped box at Sc Fibers

Order Taken By: J.R. Date: 3/14 Time: 3:35



MAIN OFFICE 1150 PENFIELD RD.
ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8282	WALWORTH	315-624-2771	BROCKPORT	585-837-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-789-7295	BATH	607-776-4460
PENFIELD	585-688-2567	OGDEN	585-352-0460		

Ticket No.: **213258**
COPY 2

3/15/2016 1:23:35PM **Stone - Gates Main**
Customer: 991027 **RICELLI TRUCKING INC.**

Order: 0

P.O.:

Product:	00127	INCOMING ASPH/CONC RU	1.00	LDS
----------	-------	-----------------------	------	-----

Deliver To	1200 east main	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	

		Vehicle Loads	Daily Total
Vehicle:	RT23	RICELLI ROLLOFF	1 1.00

	Pounds	Tons
Gross	36,160	18.08
Tare	36,160	18.08
Net	0	1.00

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	1.00 Loads:	1
Todate:	17.00	

Received

Weighmaster: Amber 602858



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.

RICCELLI

REMIT TO:
P.O. Box 6419
Syracuse, NY 13217
(315) 433-5115
FAX (315) 433-1920

6800 W. Henrietta Rd
Rush, NY 14545
(585) 334-8410

1210 Clifford Rd
Phelps, NY 14532
(315) 548-4049

1565 N. Williamson Rd
Convington, PA 16917
(570) 659-5403

TICKET No.
289152

CHARGE TO: Riccelli/motors
JOB SITE: MAW st

HAULED FROM: Wawmoo
MATERIAL: 22

DATE
7 21 11

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1	194878	20.47	705	800	855	850	
2	174914	19.56	715	1000	1030	105	
3	174914	11.52	1100	1115	1145	1155	
4	174914	13.26	1215	1230	1210	1205	
5	174980	20.51	1300	140	270	230	
6							
7							
8							
9							
10							
11							
12							
13							

START TIME: 700 END TIME: _____ TRAVEL TIME: _____ TOTAL TIME: _____

DRIVER'S SIGNATURE: [Signature] HAULER: [Signature] TRUCK No. 59

CUSTOMER SIGNATURE: _____

OFFICE COPY 2

RICELLI

REMIT TO:
P.O. Box 6419
Syracuse, NY 13217
(315) 433-5115
FAX (315) 433-1920

6800 W. Hennetta Rd
Rush, NY 14543
(585) 334-8410

1210 Gifford Rd
Phelps, NY 14532
(315) 548-4049

1565 N. Williamson Rd
Convington, PA 16917
(570) 659-5403

TICKET No.
317365

CHARGE TO: Walworth (Dob)
JOB SITE: Walworth (Dob)

HAULED FROM: Walworth (Dob)
MATERIAL: CR-D

DATE: 3-31-16

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1	194974	21.12	7:00	7:30	8:25	8:30	
2	194905	20.82	8:00	9:10	9:40	10:00	
3	194926	19.57	10:10	11:20	10:47	10:50	
4	194952	20.87	11:00	11:30	12:00	12:05	
5	194935	20.13	12:00	12:50	1:20	1:25	
6	194947	20.4	1:00	2:00	2:30	2:35	
7							
8							
9							
10							
11							
12							
13							

START TIME: 6:15 END TIME: 3:15 TRAVEL TIME: TOTAL TIME: 51

DRIVER'S SIGNATURE: [Signature] HALLER: _____ TRUCK No: [Number]

CUSTOMER SIGNATURE: _____

OFFICE COPY 2

RICCELLI

REMIT TO:
P.O. Box 6419
Syracuse, NY 13217
(315) 433-5115
FAX (315) 433-1920

6600 W. Henrietta Rd
Rush, NY 14643
(585) 334-6410

1210 Clifford Rd
Phelps, NY 14632
(315) 546-4049

1565 N. Williamson Rd
Convington, PA 16917
(570) 659-5403

TICKET No.
317475

CHARGE TO: Mohr

HAULED FROM: _____

DATE: 2/20/11

JOB SITE: Ex-1111

MATERIAL: _____

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1	121357	1.75	12:40	1:05	1:25	1:55	
2	4001	1.75	1:10	1:30	2:40	3:10	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							

START TIME: 12:40 END TIME: _____ TRAVEL TIME: _____ TOTAL TIME: _____

DRIVER'S SIGNATURE: [Signature] HAULER: Riccelli TRUCK No. 5

CUSTOMER SIGNATURE: [Signature]

OFFICE COPY 2

RICCELLI

REMIT TO:
P.O. Box 6419
Syracuse, NY 13217
(315) 433-5115
FAX (315) 433-1920

6800 W. Henrietta Rd
Rush, NY 14543
(585) 334-8410

1210 Gifford Rd
Phelps, NY 14532
(315) 548-4049

1565 N. Williamson Rd
Convington, PA 16917
(570) 659-5403

TICKET No.
321010

DATE
5-2-15

CHARGE TO: City of

HAULED FROM: City of

JOB SITE: Emilio Aschroter

MATERIAL: Asphalt

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1	194935	21.29	7:00	7:20	8:25	8:45	
2	194938	20.25	7:15	7:35	9:40	9:55	
3	194931	21.19	10:25	10:35	11:15	11:25	
4	194938	20.33	11:35	12:00	12:25	12:30	
5	194937	21.78	1:00	1:30	1:45	1:50	
6	194937	21.10	2:15	2:50	2:55	3:10	
7							
8							
9							
10							
11							
12							
13							

START TIME: 6:15 AM END TIME: 3:30 PM TRAVEL TIME: TOTAL TIME:

DRIVER'S SIGNATURE: [Signature]

HAULER: Riccelli

TRUCK No. 12

CUSTOMER SIGNATURE: [Signature]

OFFICE COPY 2

RICCELLI

REMIT TO:
 P.O. Box 5419
 Syracuse, NY 13217
 (315) 433-5115
 FAX (315) 433-1520

9800 W. Henrietta Rd
 Rush, NY 14543
 (585) 934-8410

1210 Gifford Rd
 Phelps, NY 14532
 (315) 548-4049

1565 N. Williamson Rd
 Convington, PA 16917
 (570) 659-5400

TICKET No.
329672

CHARGE TO: McT...
 JOB SITE: 1700 S. Main St

HAULED FROM: Dundee St
 MATERIAL: ...

DATE
5/27/13

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							

START TIME: **END TIME:** **TRAVEL TIME:** **TOTAL TIME:**

DRIVER'S SIGNATURE: _____ HAULER: _____ TRUCK No. 351

CUSTOMER SIGNATURE: _____

OFFICE COPY 2

RICCELLI

REMIT TO:
P.O. Box 6419
Syracuse, NY 13217
(315) 433-5115
FAX (315) 433-1920

6800 W. Henrietta Rd
Rush, NY 14543
(585) 334-8410

1210 Gifford Rd
Phelps, NY 14532
(315) 548-4049

1500 N. Williamson Rd
Canton, NY 13617
(518) 659-8405

TICKET No.
329770

CHARGE TO _____

HAULED FROM: _____

DATE 3/1/00

JOB SITE 1300 E. Ave 7

MATERIAL CB

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1	19456	100	190	153	830	234	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							

START TIME: _____ **END TIME:** _____ **TRAVEL TIME:** _____ **TOTAL TIME:** _____

DRIVER'S SIGNATURE _____

HAULER R.C.

TRUCK No. 11

CUSTOMER SIGNATURE _____

OFFICE COPY 2

RICCELLI

REMIT TO:
P.O. Box 6419
Syracuse, NY 13217
(315) 433-5115
FAX (315) 433-1920

6800 W. Henrietta Rd
Rush, NY 14543
(585) 334-8410

1210 Gifford Rd
PHELPS, NY 14532
(315) 548-4049

1558 N. Williamson Rd
Corryville, PA 16817
(814) 559-5103

TICKET No.
329771

CHARGE TO: Dudox
JOB SITE: W. E. MIA St

HAULED FROM: 1234 St
MATERIAL: CR

DATE: 7/2/04

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1	1747377	40.00	7:00	7:55	7:40	7:50	
2	177901	30.71	8:00	8:10	8:45	9:15	
3	177901	30.15	10:05	10:15	10:05	10:15	
4	177951	31.70	11:05	11:30	11:50	12:00	
5	177973	31.80	11:30	11:50	10:40	11:10	
6	177950	31.00	7:00	7:10	8:00	8:30	
7							
8							
9							
10							
11							
12							
13							

START TIME: _____ END TIME: _____ TRAVEL TIME: _____ TOTAL TIME: _____

DRIVER'S SIGNATURE: [Signature] HAULER: Riccelli TRUCK No.: 11

CUSTOMER SIGNATURE: _____

OFFICE COPY 2

RICCELLI

REMIT TO:
 P.O. Box 6419
 Syracuse, NY 13217
 (315) 433-5115
 FAX (315) 433-1920

8590 W. Henrietta Rd
 Rush, NY 14543
 (585) 334-9410

1219 S. Miller Rd
 Phelps, NY 14552
 (315) 533-6014

1565 N. Williamson Rd
 Convington, PA 16917
 (570) 659-5403

TICKET No.
329814

DATE 1/14

CHARGE TO: High

JOB SITE: 1700 Cabot

HAULED FROM: Highway 28

MATERIAL: _____

#	TICKET NUMBER	TICKET WEIGHT	PLANT TIME		JOB TIME		WAITING TIME
			IN	OUT	IN	OUT	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							

START TIME: 6:30 AM END TIME: 5:00 PM TRAVEL TIME: _____ TOTAL TIME: _____

DRIVER'S SIGNATURE: _____ HAULER: Bob TRUCK No. 360

CUSTOMER SIGNATURE: _____ OFFICE COPY 2



INDUSTRIAL WASTE SERVICES & DISPOSAL AGREEMENT

COMPANY: CWM Chemical Services, LLC & Waste Management of New York, LLC
A WASTE MANAGEMENT COMPANY

CUSTOMER: Bergmann Associates

Name: Lynn Fitzsimmons
Title: Technical Service Representative Date

Name: Gary A. Flinn 03-01-2010
Title: Business Segment Leader Date

Initial Term: 36 months

Effective Date of Agreement: _____

This Industrial Waste & Disposal Services Agreement, consisting of the terms and conditions set forth herein, and Exhibit A, and/or Confirmation Letter(s) and the Profile Sheet(s) entered into from and after the date hereof from time to time (all of the foregoing being collectively referred to as the "Agreement"), is made as of the Effective Date shown above by and between the Customer named above, on its and its subsidiaries and affiliates behalf (collectively, "Customer") and the Waste Management entity named above ("the Company").

TERMS AND CONDITIONS

1. SERVICES PROVIDED. The Company will provide Customer with collection, management, transportation, disposal, treatment, and recycling services ("Services") for Customer's non-hazardous solid waste, special waste, and/or hazardous waste (collectively "Industrial Waste") as described on Exhibit A and/or Confirmation Letter(s) and/or applicable Profile Sheets. **Solid Waste** means garbage, refuse and rubbish including those which are recyclable but excluding Special Waste and Hazardous Waste. **Special Waste** includes polychlorinated biphenyl ("PCB") wastes, industrial process wastes, asbestos containing material, petroleum contaminated soils, treated/de-characterized wastes, incinerator ash, medical wastes, demolition debris and other materials requiring special handling in accordance with applicable federal, state, provincial or local laws or regulations. **Hazardous Waste** means any toxic or radioactive substances, as such terms are defined by applicable federal, state, provincial or local laws or regulations. All Industrial Waste that is generated, handled and/or collected by Customer shall be managed exclusively by Company during the term of this Agreement. When Company handles special or hazardous waste for Customer, Customer will provide Company with a Generator's Waste Profile Sheet ("Profile Sheet") describing all special or hazardous waste, and provide a representative sample of such waste on request. In the event this Agreement includes transportation by Company, Customer shall, at the time of tender, provide to Company accurate and complete documents, shipping papers or manifests as are required for the lawful transfer of the special or hazardous waste under all applicable federal, state or local laws or regulations. Tender of delivery shall be considered nonconforming if not in accordance with this Paragraph.

2. CUSTOMER WARRANTIES. Customer hereby represents and warrants that all waste material delivered by Customer to Company shall be in accordance with waste descriptions given in this Agreement and shall not be or contain any Nonconforming Waste. "Nonconforming Waste" means: (a) non-hazardous Solid Waste that contains regulated Special Waste or Hazardous Waste; (b) waste that is not in conformance with the description of the waste in Exhibit A, the Confirmation Letter(s) or the Profile Sheet incorporated herein; (c) waste that is or contains any infectious waste, radioactive, volatile, corrosive, flammable, explosive, biomedical, biohazardous material, regulated medical or hazardous waste or toxic substances, as defined pursuant to or listed or regulated under applicable federal, state or local law, except as stated on the Profile Sheet or Confirmation Letter; or (d) waste that is prohibited from being received, managed or disposed of at the designated disposal facility by federal, state or local law, regulation, rule, code, ordinance, order, permit or permit condition. Customer (including its subcontractors) represents and warrants that it will comply with all applicable laws,

ordinances, regulations, orders, permits or other legal requirements applicable to the Industrial Waste.

3. TERM OF AGREEMENT; RIGHT OF FIRST REFUSAL. The Initial Term of this Agreement shall be 36 months, commencing on the Effective Date set forth above. This Agreement shall automatically renew thereafter for additional terms of twelve (12) months each ("Renewal Term") unless either party gives to the other party written notice of termination at least ninety (90) days prior to the termination of the then-existing term; provided however, that the terms and conditions of this Agreement shall remain in full force and effect, in accordance with its terms, with respect to any uncompleted or unfinished Service provided for in an Exhibit A, Confirmation Letter and/or Profile Sheet until such Service is completed. Customer grants to Company a right of first refusal to match any offer which Customer receives or intends to make after the completion of any Term of this Agreement relating to any services provided hereunder and further agrees to give Company prompt written notice of any such offer and a reasonable opportunity to respond to it.

4. INSPECTION; REJECTION OF WASTE. Title to and liability for Nonconforming Waste shall remain with Customer at all times. Company shall have the right to inspect, analyze or test any waste delivered by Customer. If Customer's Industrial Waste is Nonconforming Waste, Company can, at its option, reject Nonconforming Waste and return it to Customer or require Customer to remove and dispose of the Nonconforming Waste at Customer's expense. Customer shall indemnify, hold harmless (in accordance with Section 9) and pay or reimburse Company for any and all costs, damages and/or fines incurred as a result of or relating to Customer's tender or delivery of Nonconforming Waste or other failure to comply or conform to this Agreement, including costs of inspection, testing and analysis.

5. SPECIAL HANDLING; TITLE. If Company elects to handle, rather than reject, Nonconforming Waste, Company shall have the right to manage the same in the manner deemed most appropriate by Company given the characteristics of the Nonconforming Waste. Company may assess and Customer shall pay additional fees associated with delivery of Nonconforming Waste, including, but not limited to, special handling or disposal charges, and costs associated with different quantities of waste, different delivery dates, modifications in operations, specialized equipment, and other operational, environmental, health, safety or regulatory requirements. Title to and ownership of acceptable Industrial Waste shall transfer to Company upon its final acceptance of such waste.

6. COMPANY WARRANTIES. Company hereby represents and warrants that: (a) Company will manage the Industrial Waste in a safe and workman-

like manner in full compliance with all valid and applicable federal, state and local laws, ordinances, orders, rules and regulations; and (b) it will use disposal facilities that have been issued permits, licenses, certificates or approvals required by valid and applicable laws, ordinances and regulations necessary to allow the facility to accept, treat and/or dispose of Industrial Waste. Except as provided herein, Company makes no other warranties and hereby disclaims any other warranty, whether implied or statutory.

7. LIMITED LICENSE TO ENTER. When a Customer is transporting Industrial Waste to a Company facility, Customer and its subcontractors shall have a limited license to enter a disposal facility for the sole purpose of off-loading Industrial Waste at an area designated, and in the manner directed, by Company. Customer shall, and shall ensure that its subcontractors, comply with all rules and regulations of the facility, as amended. Company may reject Industrial Waste, deny Customer or its subcontractors entry to its facility and/or terminate this Agreement in the event of Customer's or its subcontractors' failure to follow such rules and regulations.

8. CHARGES AND PAYMENTS. Customer shall pay the rates set forth on Exhibit A or a Confirmation Letter, which may be modified as provided in this Agreement. The rates may be adjusted by Company to account for: any increase in or to recoup all or any portion of, disposal, transportation, fuel or environmental compliance fees or costs; any change in the composition of the Industrial Waste; increased costs due to uncontrollable circumstances, including, without limitation, changes in local, state or federal laws or regulations, imposition of taxes, fees or surcharges and acts of God such as floods, fires, etc. Company may also increase the charges to reflect increases in the Consumer Price Index for the municipal or regional area in which the Services are rendered. Increases in charges for reasons other than as provided above require the consent of Customer which may be evidenced verbally, in writing or by the actions and practices of the parties. All rate adjustments as provided above and in Paragraph 5 shall take effect upon notification from Company to Customer. Customer shall pay the rates in full within 30 days of receipt of each invoice from Company. Customer shall pay a late fee on all past due amounts accruing from the date of the invoice at a rate of eighteen percent (18%) per annum or, if less, the maximum rate allowed by law.

9. INDEMNIFICATION. The Company agrees to indemnify, defend and save Customer harmless from and against any and all liability (including reasonable attorneys fees) which Customer may be responsible for or pay out as a result of bodily injuries (including death), property damage, or any violation or alleged violation of law, to the extent caused by Company's breach of this Agreement or by any negligent act, negligent omission or willful misconduct of the Company or its employees, which occurs (1) during the collection or transportation of Customer's Industrial Waste by Company, or (2) as a result of the disposal of Customer's Industrial Waste, after the date of this Agreement, in a facility owned by a subsidiary or affiliate of Waste Management, Inc., provided that the Company's indemnification obligations will not apply to occurrences involving Nonconforming Waste.

Customer agrees to indemnify, defend and save the Company harmless from and against any and all liability (including reasonable attorneys fees) which the Company may be responsible for or pay out as a result of bodily injuries (including death), property damage, or any violation or alleged violation of law to the extent caused by Customer's breach of this Agreement or by any negligent act, negligent omission or willful misconduct of the Customer or its employees, agents or contractors in the performance of this Agreement or Customer's use, operation or possession of any equipment furnished by the Company.

Neither party shall be liable to the other for consequential, incidental or punitive damages arising out of the performance of this Agreement.

10. UNCONTROLLABLE CIRCUMSTANCES. Except for the obligation to make payments hereunder, neither party shall be in default for its failure to perform or delay in performance caused by events beyond its reasonable control, including, but not limited to, strikes, riots, imposition of laws or gov-

ernmental orders, fires, acts of God, and inability to obtain equipment, permit changes and regulations, restrictions (including land use) therein, and the affected party shall be excused from performance during the occurrence of such events.

11. ASSIGNMENT. This Agreement shall be binding on and shall inure to the benefit of the parties and their respective successors and assigns.

12. ENTIRE AGREEMENT. This Agreement represents the entire understanding and agreement between the parties relating to the management of waste and supersedes any and all prior agreements, whether written or oral, between the parties regarding the same; provided that, the terms of any national service agreement between the parties shall govern over any inconsistent terms herein.

13. TERMINATION; LIQUIDATED DAMAGES. Company may immediately terminate this Agreement, (a) in the event of Customer's breach of any term or provision of this Agreement, including failure to pay on a timely basis or (b) if Customer becomes insolvent, the subject of an order for relief in bankruptcy, receivership, reorganization dissolution, or similar law, or makes an assignment for the benefit of its creditors or if Company deems itself insecure as to payment ("Default"). Notice of termination shall be in writing and deemed given when delivered in person or by certified mail, postage prepaid, return receipt requested. In the event Customer terminates this Agreement prior to the expiration of any Initial or Renewal Term for any reason other than as provided herein, or in the event Company terminates this Agreement for Customer's Default, liquidated damages in addition to the Company's legal fees shall be paid and calculated as follows: 1) if the remaining Initial Term under this Agreement is six or more months, Customer shall pay its most recent monthly charges multiplied by six; 2) if the remaining Initial Term under this Agreement is less than six months, Customer shall pay its most recent monthly charges multiplied by the number of months remaining in the Term; 3) if the remaining Renewal Term under this Agreement is three or more months, Customer shall pay its most recent monthly charges multiplied by three; or 4) if the remaining Renewal Term under this Agreement is less than three months, Customer shall pay its most recent monthly charges multiplied by the number of months remaining in the Renewal Term. Customer acknowledges that the actual damage to Company in the event of termination is difficult to fix or prove, and the foregoing liquidated damages amount is reasonable and commensurate with the anticipated loss to Company resulting from such termination and is an agreed upon fee and is not imposed as a penalty. Collection of liquidated damages by Company shall be in addition to any rights or remedies available to Company under this Agreement or at common law.

14. MISCELLANEOUS. (a) The prevailing party will be entitled to recover reasonable fees and court costs, including attorneys' fees, in interpreting or enforcing this Agreement. In the event Customer fails to pay Company all amounts due hereunder, Company will be entitled to collect all reasonable collection costs or expenses, including reasonable attorneys fees, court costs or handling fees for returned checks from Customer; (b) The validity, interpretation and performance of this Agreement shall be construed in accordance with the law of the state in which the Services are performed; (c) If any provision of this Agreement is declared invalid or unenforceable, then such provision shall be deemed severable from and shall not affect the remainder of this Agreement, which shall remain in full force and effect; (d) Customer's payment obligation for Services and the Warranties and Indemnification made by each party shall survive termination of this Agreement.

Agreed & Accepted

CWM CHEMICAL SERVICES, LLC & WASTE MANAGEMENT OF NEW YORK, LLC

Signed: _____

BERGMANN ASSOCIATES

Signed: _____



INDUSTRIAL WASTE & DISPOSAL AGREEMENT



December 18, 2009

Mr. Edward Jones
Bergmann Associates
200 First Federal Plaza
Rochester, NY 14614
Via e-mail ejones@bergmannpc.com

This quotation represents final pricing for the project listed below. Should the bid due date change, please contact Customer Service (1-800-843-3604) for any updated information.

Re: City of Rochester -- 1200 E Main Street, to Mill Seat/High Acres

Dear Mr. Jones:

Waste Management is pleased to provide you with pricing for disposal per your request. Based upon the information you provided, the following summarizes our quotation.

DISPOSAL FACILITY:

Mill Seat Landfill 303 Brew Road Bergen, NY 14416	High Acres Landfill 425 Perinton Parkway Fairport, NY
---	---

WASTE STREAMS

1.) Waste Description	Non Hazardous Petroleum Contaminated Soil
Disposal Method	Cover
Estimated Volume	Approximately 1500 tons
Disposal Cost	\$23.00/ton plus charges below
Disp. Minimum	One ton minimum per load
Disp. Note	A completed waste profile and analysis required prior to final approval. Profiles can be downloaded and submitted via our website, www.wmdisposal.com. Approvals are electronically sent via our website, so customer contact information will be entered into website.
Transportation using Dump Trailers	\$11.10/ton plus charges below
Trans. Minimum	28-ton minimum per load
Fuel Surcharge	Included
Trans. Note	Transportation fuel surcharge is INCLUDED in the per ton transportation rate. Surcharge varies weekly and is based upon the national average cost, per gallon, of diesel fuel.
Demurrage	\$85.00/hr. after one free hour.
Conditions	Must be suitable for use as cover material.
Taxes	

Disposal Fuel Surcharge
Environmental Fee
NYS Sales tax

Currently 4.0% of disposal and transportation; varies weekly
6.0% of Disposal
8.0% of disposal and all transportation, unless a valid NYS
Sales Tax exemption certificate showing "Bill to" as exempt is
provided.

SPECIAL CONDITIONS:

Waste must meet acceptability criteria at the site and comply with local, state and federal regulations, as well as the sites permit requirements. Pricing is contingent upon site and/or sample evaluation and approval.

We will hold this price open for your consideration for a period of 30 days. Pricing is based solely on the information available at this time. Additional information may be required prior to approval.

All pricing is contingent upon profile approval (physical, chemical and regulatory evaluation of material).

A signed Service Agreement including Terms and Conditions will be required prior to approval of the material.

Increases in the cost of diesel fuel may effect pricing. Refer to fuel surcharge schedule for rate information.

Payment must be received within thirty (30) days of invoicing. Payments received after thirty (30) days will accrue interest at the rate of 1.5% per month.

Following site approval, we will reconfirm your pricing and send you the appropriate Supplemental Information Document for signature.

Waste Management wishes to thank you for allowing us to quote on your disposal needs.

Please do not hesitate to contact me at the phone number below with any questions you may have or if you require any further assistance.

Sincerely,

Lynn Fitzsimmons
(716) 286-0455
Technical Service Representative

cc: Sue Rossi



NON-HAZARDOUS MANIFEST

RT-12

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1					
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736622					
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID <i>State Generator's ID</i>								
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID						
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>						
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>						
					F. Transporter's Phone <i>Transporter 2 Phone</i>						
					G. State Facility ID <i>State Facility ID</i>						
					H. State Facility Phone 585-223-6132						
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments		
	a. NON DOT REGULATED MATERIAL				No.	Type	Total Qty				
	WM Profile # 116263NY				001	DT		23.01		RT-12	
	b. Waste Name					Type	Total Qty			Comments	
	WM Profile # <i>WM Profile Number</i>										
	c. Waste Name							Wt./Vol.			
WM Profile # <i>WM Profile Number</i>											
d. Waste Name						Total Qty		Comments			
WM Profile # <i>WM Profile Number</i>											
J. Additional Descriptions for Materials Listed Above				K. Disposal Location							
				Cell			Level				
				Grid							
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED											
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name Jane MH Forbes				Signature <i>Jane MH Forbes</i>				Month	Day	Year	
								3	29	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials										
	Printed Name THOMAS R. ZARODOWSKI				Signature <i>T. Zarodowski</i>				Month	Day	Year
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed Name				Signature				Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
	Printed Name J. Mutha				Signature <i>J. Mutha</i>				Month	Day	Year
								3	29	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073250

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI-TRUCKING
 Ticket Date 03/29/2016 Vehicle# 15 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736621 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	81340 lb
In 03/29/2016 13:04:16	A_Scale_1	JFRUTCHE		Tare	28400 lb
Out 03/29/2016 13:04:16		JFRUTCHE		Net	52940 lb
				Tons	26.47

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-100		26.47	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Driver's Signature Total Ticket Total Fees





NON-HAZARDOUS MANIFEST

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NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736621			
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID <i>State Generator's ID</i>						
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>				
					F. Transporter's Phone <i>Transporter 2 Phone</i>				
					G. State Facility ID <i>State Facility ID</i>				
					H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
	a. NON DOT REGULATED MATERIAL			No.	Type				
	WM Profile # 116263NY			001	DT	Total Qty	Wt./Vol.	Comments	
	b. <i>Waste Name</i>					Total Qty	Wt./Vol.	Comments	
	WM Profile # <i>WM Profile Number</i>								
	c. <i>Waste Name</i>				Type	Total Qty	Wt./Vol.	Comments	
WM Profile # <i>WM Profile Number</i>									
d. <i>Waste Name</i>				Type	Total Qty		Comments		
WM Profile # <i>WM Profile Number</i>									
J. Additional Descriptions for Materials Listed Above				K. Disposal Location					
				Cell		Level			
				Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED									
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name <i>Jane MH Forbes</i>				Signature <i>Jane MH Forbes</i>		Month	Day	Year	
						3	29	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials								
	Printed Name <i>Frederick B. Dobson</i>				Signature <i>Frederick B. Dobson</i>		Month	Day	Year
							3	29	16
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed Name				Signature		Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
	Printed Name <i>J. Mutchay</i>				Signature <i>J. Mutchay</i>		Month	Day	Year
						3	29	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073244

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736620 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	74320 lb
In	03/29/2016 12:46:37	A_Scale_1	JFRUTCHE		Tare	28820 lb
Out	03/29/2016 12:46:37		JFRUTCHE		Net	45500 lb
					Tons	22.75

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	22.75	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

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NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736620			
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID <i>State Generator's ID</i>						
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>				
					F. Transporter's Phone <i>Transporter 2 Phone</i>				
					G. State Facility ID <i>State Facility ID</i>				
					H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL				No.	Type	Total Qty		Comments
	WM Profile # 116263NY				001	DT			
	b. Waste Name					Type	Total Qty	Wt./Vol.	Comments
	WM Profile #								
	c. Waste Name						Total Qty	Wt./Vol.	Comments
WM Profile #									
d. Waste Name							Wt./Vol.	Comments	
WM Profile #									
J. Additional Descriptions for Materials Listed Above				K. Disposal Location					
				Cell			Level		
				Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED									
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name <i>Jane MH Forbes</i>				Signature <i>[Signature]</i>			Month 3	Day 27	Year 16
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed Name <i>Tom Cooper</i>			Signature <i>[Signature]</i> #7080		
							Month 3	Day 29	Year 16
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed Name			Signature		
							Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				Printed Name <i>John Fruchka</i>			Signature <i>[Signature]</i>		
							Month 3	Day 29	Year 16

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073240

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 13 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736619 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/29/2016 12:38:16	A_Scale_1	JFRUTCHE		74480 lb	
Out	03/29/2016 12:38:16		JFRUTCHE		27840 lb	
					Net	46640 lb
					Tons	23.32

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	23.32	Tons				MON
2 RCR-P-Regulatory C	100		%				
3 EVF-P-Standard Env	100		%				
4 LFS4-LANDFILL FIXE	100		%				

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

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NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1					
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736619					
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID <i>State Generator's ID</i>					
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number			C. State Transporter's ID					
						D. Transporter's Phone <i>Transporter 1 Phone</i>					
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID <i>State Transporter ID</i>					
						F. Transporter's Phone <i>Transporter 2 Phone</i>					
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			G. State Facility ID <i>State Facility ID</i>					
						H. State Facility Phone 585-223-6132					
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments		
	a. NON DOT REGULATED MATERIAL				No.	Type	Total Qty	Wt./Vol	Comments		
	WM Profile # 116263NY				001	DT					
	b.					Type	Total Qty	Wt./Vol	Comments		
	WM Profile #										
	c.					Type	Total Qty	Wt./Vol	Comments		
WM Profile #											
d.					Type	Total Qty	Wt./Vol	Comments			
WM Profile #											
J. Additional Descriptions for Materials Listed Above				K. Disposal Location							
				Cell			Level				
				Grid							
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED											
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name <i>Jane MH Forbes</i>				Signature <i>Jane MH Forbes</i>				Month	Day	Year	
								5	27	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials										
	Printed Name				Signature				Month	Day	Year
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed Name				Signature				Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name <i>Joseph Muthka</i>				Signature <i>J. Muthka</i>				Month	Day	Year	
								5	27	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073239

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# RT12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4738618 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	69780 lb
In	03/29/2016 12:25:54	A_Scale_1	MMALONEY		Tare	27900 lb
Out	03/29/2016 12:25:54		MMALONEY		Net	40880 lb
					Tons	20.44

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		20.44	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

RT12

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <small>Generator's ID</small>		Manifest Doc No. <small>Number</small>		2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736618				
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID <small>State Generator's ID</small>				
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <small>US EPA ID Number</small>			C. State Transporter's ID				
7. Transporter 2 Company Name <small>Transporter 2 Company Name</small>			8. US EPA ID Number <small>US EPA ID Number</small>			D. Transporter's Phone <small>Transporter 1 Phone</small>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <small>US EPA ID Number</small>			E. State Transporter's ID <small>State Transporter ID</small>				
						F. Transporter's Phone <small>Transporter 2 Phone</small>				
						G. State Facility ID <small>State Facility ID</small>				
						H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	1. Misc. Comments		
	a. NON DOT REGULATED MATERIAL			No.	Type	Total Qty				
	WM Profile # 116263NY			001	DT		20.4/T	RT-12		
	b. Waste Name			No.	Type	Total Qty	Wt./Vol.	Comments		
	WM Profile #									
c. Waste Name			No.	Type	Total Qty	Wt./Vol.	Comments			
WM Profile #										
d. Waste Name			No.	Type	Total Qty	Wt./Vol.	Comments			
WM Profile #										
J. Additional Descriptions for Materials Listed Above <small>Additional Description</small>				K. Disposal Location						
				Cell		Level				
				Grid						
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order # <small>Purchase Order Number</small>				EMERGENCY CONTACT / PHONE NO.:						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name <i>Jane MH Forbes</i>				Signature <i>[Signature]</i>		Month 3	Day 29	Year 16		
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed Name THOMAS R. ZPRODOLEWSKI		Signature <i>[Signature]</i>		Month 03	Day 29	Year 16
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed Name		Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>Mary Maloney</i>				Signature <i>[Signature]</i>		Month 03	Day 29	Year 16		

TRANSPORTER FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073225

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736617 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	71360 lb
In	03/29/2016 11:28:20	A_Scale_1	JFRUTCHE		Tare	28820 lb
Out	03/29/2016 11:28:20		JFRUTCHE		Net	42540 lb
					Tons	21.27

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	21.27	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees

Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

310

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA 4736617	
4. Generator's Phone Jane MH Forbes 585-428-7892		B. State Generator's ID			
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility ID	
				H. State Facility Phone 585-223-6132	
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity
	a. NON DOT REGULATED MATERIAL		No.	Type	14. Unit Wt./Vol.
	WM Profile # 116263NY		001	DT	
	b. Waste Name			Type	Total Qty
	WM Profile #				Wt./Vol.
	c. Waste Name			Type	Total Qty
WM Profile #				Wt./Vol.	
d. Waste Name			Type	Total Qty	
WM Profile #				Wt./Vol.	
J. Additional Descriptions for Materials Listed Above		K. Disposal Location			
		Cell		Level	
		Grid			
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED					
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name Jane M H Forbes		Signature		Month	Day
				3	29
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Month	Day
Printed Name Jan Cooper				3	29
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day
Printed Name					
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name Riccelli Trucking		Signature		Month	Day
				2	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
 Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073222

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 15 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736616 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	76420 lb
In	03/29/2016 11:22:17	A_Scale_1	JFRUTCHE		Tare	28400 lb
Out	03/29/2016 11:22:17		JFRUTCHE		Net	48020 lb
					Tons	24.01

Comments

Product	LD%	Qty	UDM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	24.01	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Driver's Signature

Total Fees
 Total Ticket





NON-HAZARDOUS MANIFEST

19

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID		Manifest Doc No. Number		2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736616			
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID State Generator's ID						
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number US EPA ID Number		C. State Transporter's ID				
7. Transporter 2 Company Name Transporter 2 Company Name			8. US EPA ID Number US EPA ID Number		D. Transporter's Phone Transporter 2 Phone				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID				
					F. Transporter's Phone Transporter 2 Phone				
					G. State Facility ID State Facility ID				
					H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL				No.	Type	Total Qty		Comments
	WM Profile # 116263NY				001	DT			
	b. Waste Name				No.	Type	Total Qty	Wt./Vol.	Comments
	WM Profile #								
	c. Waste Name					Type	Total Qty	Wt./Vol.	Comments
WM Profile #									
d. Waste Name					Type	Total Qty	Wt./Vol.	Comments	
WM Profile #									
J. Additional Descriptions for Materials Listed Above				K. Disposal Location					
Additional Description				Cell		Level			
Grid									
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED									
Purchase Order # EMERGENCY CONTACT / PHONE NO.:									
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name Jane MH Forbes				Signature <i>Jane MH Forbes</i>			Month 5	Day 27	Year 16
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed Name Frederick B. DiGuardi			Signature <i>Frederick B. DiGuardi</i>		
							Month 3	Day 29	Year 16
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed Name			Signature		
							Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				Printed Name Salvatore...			Signature <i>Salvatore...</i>		
							Month 2	Day 27	Year 16

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073215

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 13 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736615 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	75940 lb
In 03/29/2016 11:07:39	A_Scale_1	JFRUTCHE		Tare	27840 lb
Out 03/29/2016 11:07:39		JFRUTCHE		Net	48100 lb
				Tons	24.05

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	24.05	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

13

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736615		
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID <i>State Generator's ID</i>		
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number				C. State Transporter's ID		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>				D. Transporter's Phone <i>Transporter 1 Phone</i>		
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number <i>US EPA ID Number</i>				E. State Transporter's ID <i>State Transporter ID</i>		
						F. Transporter's Phone <i>Transporter 2 Phone</i>		
						G. State Facility ID <i>State Facility ID</i>		
						H. State Facility Phone 585-223-6132		
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL			No.	Type			Comments
	WM Profile # 116263NY			001	DT			
	b. Waste Name			No.	Type	Total Qty	Wt./Vol.	Comments
	WM Profile #							
	c. Waste Name			No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile #								
d. Waste Name			No.	Type	Total Qty	Wt./Vol.	Comments	
WM Profile #								
J. Additional Descriptions for Materials Listed Above				K. Disposal Location				
<i>Add Serial Description</i>				Cell				
				Grid				
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED								
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Jane MH Forbes</i>				Signature <i>[Signature]</i>		Month 3	Day 21	Year 16
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials							
	Printed Name		Signature		Month	Day	Year	
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature		Month	Day	Year		
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month 3	Day 21	Year 16

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073211

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# RT12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736614 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	71540 lb
In	03/29/2016 10:57:21	A_Scale_1	JFRUTCHE		Tare	27900 lb
Out	03/29/2016 11:11:56	B_Scale_2	JFRUTCHE		Net	43640 lb
					Tons	21.82

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	21.82	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

RT12

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Manifest Doc No. Generator's ID Number		2. Page 1 of 1	
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA 4736614	
4. Generator's Phone Jane MH Forbes 585-428-7892				B. State Generator's ID State Generator's ID	
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name Transporter 2 Company Name		8. US EPA ID Number US EPA ID Number		D. Transporter's Phone Transporter 1 Phone	
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number US EPA ID Number		E. State Transporter's ID State Transporter ID	
				F. Transporter's Phone Transporter 2 Phone	
				G. State Facility ID State Facility ID	
				H. State Facility Phone 585-223-6132	
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity
	a. NON DOT REGULATED MATERIAL		No.	Type	14. Unit Wt./Vol.
	WM Profile # 116263NY		001	DT	21.82 +
	b. Waste Name				Total Qty
	WM Profile #				Wt./Vol.
c. Waste Name		No.	Type	Total Qty	I. Misc. Comments
WM Profile #					
d. Waste Name					
WM Profile #					
J. Additional Descriptions for Materials Listed Above			K. Disposal Location		
Additional Description			Cell	Level	
			Grid		
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED					
Purchase Order #			EMERGENCY CONTACT / PHONE NO.:		
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name Jane MH Forbes		Signature [Signature]		Month 5	Day 29
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name THOMAS R. ZORODOWSKI		Signature [Signature]	
				Month 03	Day 29
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature	
				Month	Day
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name [Signature]		Signature [Signature]		Month 3	Day 29

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF.
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073197

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736613 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	72180 lb
In	03/29/2016 10:00:45	A_Scale_1	JFRUTCHE		Tare	28820 lb
Out	03/29/2016 10:12:27	B_Scale_2	JFRUTCHE		Net	43360 lb
					Tons	21.68

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-100		21.68	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees

Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

310

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>Number</i>	2. Page 1 of 1
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609	
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number <i>US EPA ID Number</i>	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>	
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number <i>US EPA ID Number</i>	
		A. Manifest Number WMNA 4736613	
		B. State Generator's ID <i>State Generator's ID</i>	
		C. State Transporter's ID	
		D. Transporter's Phone <i>Transporter 1 Phone</i>	
		E. State Transporter's ID <i>State Transporter ID</i>	
		F. Transporter's Phone <i>Transporter 2 Phone</i>	
		G. State Facility ID <i>State Facility ID</i>	
		H. State Facility Phone 585-223-6132	
GENERATOR	11. Description of Waste Materials		12. Containers
	a. NON DOT REGULATED MATERIAL		No. Type
	WM Profile # 116263NY		001 DT
	b. Waste Name		Total Qty. Wt./Vol.
	WM Profile #		<i>Comments</i>
	c. Waste Name		Type Total Qty. Wt./Vol.
WM Profile #		<i>Comments</i>	
d. Waste Name		Type Total Qty. Wt./Vol.	<i>Comments</i>
WM Profile #			
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location	
		Cell	Level
		Grid	
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED			
Purchase Order # <i>Purchase Order Number</i>		EMERGENCY CONTACT / PHONE NO.:	
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name <i>Jane MH Forbes</i>		Signature <i>Jane MH Forbes</i>	
Month	Day	Year	
3	29	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		
	Printed Name <i>John Cooper</i>		Signature <i>John Cooper #9080</i>
	Month	Day	Year
3	29	16	
18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed Name		Signature	
Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.		
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		
	Printed Name <i>John Cooper</i>		Signature <i>John Cooper</i>
Month	Day	Year	
3	29	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073196

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 15 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736612 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	77980 lb
In	03/29/2016 09:56:17	A_Scale_1	JFRUTCHE		Tare	28400 lb
Out	03/29/2016 09:56:17		JFRUTCHE		Net	49580 lb
					Tons	24.79

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	24.79	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

15

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736612		
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			B. State Generator's ID <i>State Generator's ID</i>		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID D. Transporter's Phone <i>Transporter 1 Phone</i>		
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number			E. State Transporter's ID <i>State Transporter ID</i> F. Transporter's Phone <i>Transporter 2 Phone</i>		
11. Description of Waste Materials a. NON DOT REGULATED MATERIAL WM Profile # 116263NY			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
			No.	Type				
b. Waste Name WM Profile # <i>WM Profile Number</i>			001	DT	Total Qty		Comments	
c. Waste Name WM Profile # <i>WM Profile Number</i>					Total Qty		Comments	
d. Waste Name WM Profile # <i>WM Profile Number</i>					Total Qty		Comments	
J. Additional Descriptions for Materials Listed Above			K. Disposal Location					
			Cell			Level		
			Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED								
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Jane MH Forbes</i>			Signature <i>Jane MH Forbes</i>			Month 3	Day 29	Year 16
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed Name <i>Frederick B. DiGuardi</i>			Signature <i>Frederick B. DiGuardi</i>		
						Month 3	Day 29	Year 16
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed Name			Signature		
						Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>John J. ...</i>			Signature <i>John J. ...</i>			Month 3	Day 29	Year 16

GENERATOR

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073192

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/29/2016 Vehicle# 13 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736611 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	74860 lb
In	03/29/2016 09:47:50	A_Scale_1	JFRUTCHE		Tare	27840 lb
Out	03/29/2016 10:01:47	B_Scale_2	JFRUTCHE		Net	47020 lb
					Tons	23.51

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	23.51	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees

Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

13

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736611				
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID <i>State Generator's ID</i>							
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID						
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>						
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>						
				F. Transporter's Phone <i>Transporter 2 Phone</i>						
				G. State Facility ID <i>State Facility ID</i>						
				H. State Facility Phone 585-223-6132						
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments		
	a. NON DOT REGULATED MATERIAL			No.	Type	Total Qty.				
	WM Profile # 116263NY			001	DT					
	b. Waste Name				Type	Total Qty.	Wt./Vol.			
	WM Profile #									
	c. Waste Name			No.	Type	Total Qty.	Wt./Vol.			
WM Profile #										
d. Waste Name			No.	Type	Total Qty.	Wt./Vol.	Comments			
WM Profile #										
J. Additional Descriptions for Materials Listed Above			K. Disposal Location							
			Cell			Level				
			Grid							
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name <i>Jane MH Forbes</i>			Signature <i>Jane MH Forbes</i>			Month <i>3</i>	Day <i>29</i>	Year <i>16</i>		
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed Name			Signature		Month	Day	Year
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed Name			Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name <i>Jolene Mukhal</i>				Signature <i>Jolene Mukhal</i>				Month <i>3</i>	Day <i>29</i>	Year <i>16</i>

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073187

Customer Name	MATRIXENVIRONMENTALTECHNOLOGI	Carrier	RIC RICELLI TRUCKING
Ticket Date	03/29/2016	Vehicle#	RT12
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0006866
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	4736610	Grid	CELL 11
Destination			
PO	1) 2094 2) 2094 3) 2094 4) 2094		
Profile	116263NY (NH SOIL)		
Generator	190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER		

	Time	Scale	Operator	Inbound	Gross	63840 lb
In	03/29/2016 09:32:32	A_Scale_1	JFRUTCHE		Tare	28080 lb
Out	03/29/2016 09:46:34	B_Scale_2	JFRUTCHE		Net	35760 lb
					Tons	17.88

Comments

Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	17.88	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

2112

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID		Manifest Doc No. Number		2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736610				
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID State Generator's ID				
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number US EPA ID Number			C. State Transporter's ID				
7. Transporter 2 Company Name Transporter 2 Company Name			8. US EPA ID Number US EPA ID Number			D. Transporter's Phone Transporter 1 Phone				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number US EPA ID Number			E. State Transporter's ID State Transporter ID				
						F. Transporter's Phone Transporter 2 Phone				
						G. State Facility ID State Facility ID				
						H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials					12. Containers		13. Total Quantity	14. Unit Wt./Vol.	15. Misc. Comments
	a. NON DOT REGULATED MATERIAL					No.	Type	Total Qty.		Comments
	WM Profile # 116263NY					001	DT		17.86 T	
	b. Waste Name							Total Qty.		Comments
	WM Profile #									
	c. Waste Name					No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile #										
d. Waste Name						Type	Total Qty.		Comments	
WM Profile #										
J. Additional Descriptions for Materials Listed Above					K. Disposal Location					
Additional Description					Cell			Level		
					Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order # EMERGENCY CONTACT / PHONE NO.:										
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name Jane MH Forbes				Signature Jane MH Forbes				Month	Day	Year
								3	29	16
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed Name THOMAS R. ZORWOODSKI				Signature Thomas R. Zorwoodski				Month	Day	Year
								03	29	16
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed Name				Signature				Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name J. Munkda				Signature J. Munkda				Month	Day	Year
								3	29	16

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
 Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
 Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073568

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736645 Grid CELL 11
 Destination
 PD 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	39480 lb
In 03/30/2016 13:17:32	A_Scale_1	JFRUTCHE		Tare	27900 lb
Out 03/30/2016 13:17:32		JFRUTCHE		Net	41580 lb
				Tons	20.79

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		20.79	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>Number</i>	2. Page 1 of 1
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609	
5. Transporter 1 Company Name RICELLI TRUCKING INC.		6. US EPA ID Number <i>US EPA ID Number</i>	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>	
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number <i>US EPA ID Number</i>	
		A. Manifest Number WMNA	
		B. State Generator's ID 4736645	
		C. State Transporter's ID	
		D. Transporter's Phone <i>Transporter 1 Phone</i>	
		E. State Transporter's ID <i>State Transporter ID</i>	
		F. Transporter's Phone <i>Transporter 2 Phone</i>	
		G. State Facility ID <i>State Facility ID</i>	
		H. State Facility Phone 585-223-6132	
GENERATOR	11. Description of Waste Materials		12. Containers
	a. NON DOT REGULATED MATERIAL		No. Type
	WM Profile # 116263NY 1073568		001 DT
	b.		Total Qty. Unit Wt./Vol.
	WM Profile #		20.79T
	c.		Comments
d.			
J. Additional Descriptions for Materials Listed Above		K. Disposal Location	
		Cell	Level
		Grid	
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED			
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:	
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name <i>Jane MH Forbes</i>		Signature <i>Jane MH Forbes</i>	
		Month	Day Year
		5	30 16
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		
	Printed Name <i>THOMAS R. ZARODOWSKI</i>		Signature <i>Thomas R. Zarodowski</i>
			Month Day Year
		03	30 16
18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed Name		Signature	
		Month	Day Year
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.		
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		
	Printed Name <i>Jolene Fritch</i>		Signature <i>Jolene Fritch</i>
		Month	Day Year
			30 16

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073530

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 331 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736643 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	72800 lb
In	03/30/2016 12:32:36	A_Scale_1	JFRUTCHE		Tare	28620 lb
Out	03/30/2016 12:32:36		JFRUTCHE		Net	44180 lb
					Tons	22.09

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	22.09	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

331

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA		
						B. State Generator's ID <i>State Generator's ID</i> 4736643		
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			D. Transporter's Phone <i>Transporter's Phone</i>		
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID <i>State Transporter ID</i>		
						F. Transporter's Phone <i>Transporter 2 Phone</i>		
						G. State Facility ID <i>State Facility ID</i>		
						H. State Facility Phone 585-223-6132		
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	
	a. NON DOT REGULATED MATERIAL			No.	Type			
	WM Profile # 116263NY			001	DT	<i>22.09</i>	<i>Comments</i>	
	b. <i>Waste Name</i>						<i>Comments</i>	
	WM Profile # <i>WM Profile Number</i>							
	c. <i>Waste Name</i>						<i>Comments</i>	
WM Profile # <i>WM Profile Number</i>								
d. <i>Waste Name</i>						<i>Comments</i>		
WM Profile # <i>WM Profile Number</i>								
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>			K. Disposal Location					
			Cell		Level			
			Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED								
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Jane MH Forbes</i>			Signature <i>Jane MH Forbes</i>			Month	Day	
						<i>3</i>	<i>30</i>	
							<i>16</i>	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials							
	Printed Name <i>[Signature]</i>			Signature <i>[Signature]</i>			Month	Day
							<i>5</i>	<i>25</i>
							<i>16</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name			Signature			Month	Day	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
	Printed Name <i>Joune Truchet</i>			Signature <i>Joune Truchet</i>			Month	Day
						<i>2</i>	<i>20</i>	
							<i>16</i>	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073523

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736642 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	71440 lb
In	03/30/2016 12:17:39	A_Scale_1	smarvin		Tare	28820 lb
Out	03/30/2016 12:17:39		smarvin		Net	42620 lb
					Tons	21.31

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		21.31	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736642		
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID					
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID		
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			D. Transporter's Phone <i>Transporter 1 Phone</i>		
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID <i>State Transporter ID</i>		
						F. Transporter's Phone <i>Transporter 2 Phone</i>		
						G. State Facility ID		
						H. State Facility Phone 585-223-6132		
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	1. Misc. Comments
	a. NON DOT REGULATED MATERIAL			No.	Type			
	WM Profile # 116263NY			001	DT			<i>Comments</i>
	b. <i>Waste Name</i>			No.	Type	Total Qty.	Wt./Vol.	<i>Comments</i>
	WM Profile # <i>WM Profile Number</i>							
	c. <i>Waste Name</i>			No.	Type	Total Qty.	Wt./Vol.	<i>Comments</i>
WM Profile # <i>WM Profile Number</i>								
d. <i>Waste Name</i>					Total Qty.	Wt./Vol.	<i>Comments</i>	
WM Profile # <i>WM Profile Number</i>								
J. Additional Descriptions for Materials Listed Above				K. Disposal Location				
<i>Additional Description</i>				Cell _____ Level _____				
Grid _____								
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED								
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Jane MH Forbes</i>		Signature <i>Jane MH Forbes</i>			Month 3	Day 30	Year 16	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>Don Carpenter</i>			Signature <i>Don Carpenter</i>			
					Month 3	Day 30	Year 16	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name			Signature			
					Month	Day	Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>Shana Little</i>		Signature <i>Shana Little</i>			Month 3	Day 30	Year 16	

TRANSPORTER

FACILITY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073522

Customer Name	MATRIXENVIRONMENTALTECHNOLOGI	Carrier	RIC RICELLI TRUCKING
Ticket Date	03/30/2016	Vehicle#	RT10
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0006866
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	4736641	Grid	CELL 11
Destination			
PO	1) 2094 2) 2094 3) 2094 4) 2094		
Profile	116263NY (NH SOIL)		
Generator	190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER		

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2016 12:16:17	A_Scale_1	smarvin			64960 lb
Out	03/30/2016 12:16:17		smarvin			28160 lb
					Net	36800 lb
					Tons	18.40

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	18.40	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

river's Signature _____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>Number</i>	2. Page 1 of 1
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892	Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA 4736641 B. State Generator's ID
5. Transporter 1 Company Name RICELLI TRUCKING INC.	6. US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID	
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>	8. US EPA ID Number <i>US EPA ID Number</i>	D. Transporter's Phone <i>Transporter 1 Phone</i>	
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450	10. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>	
		F. Transporter's Phone <i>Transporter 2 Phone</i>	
11. Description of Waste Materials a. NON DOT REGULATED MATERIAL WM Profile # 116263NY	12. Containers		13. Total Quantity
	No.	Type	
b. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>	001	DT	<i>Comments</i>
c. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>			<i>Comments</i>
d. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>			<i>Comments</i>
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>	K. Disposal Location Cell _____ Level _____ Grid _____		
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED			
Purchase Order # <i>Purchase Order Number</i>		EMERGENCY CONTACT / PHONE NO.:	
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.			
Printed Name <i>Jane MH Forbes</i>	Signature <i>[Signature]</i>	Month <i>3</i>	Day <i>30</i>
17. Transporter 1 Acknowledgement of Receipt of Materials			
Printed Name <i>TAT Russo</i>	Signature <i>[Signature]</i>	Month <i>3</i>	Day <i>30</i>
18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed Name	Signature	Month	Day
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.			
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.			
Printed Name <i>Shanellie</i>	Signature <i>[Signature]</i>	Month <i>3</i>	Day <i>30</i>

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
 Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

GENERATOR

TRANSPORTER

FACILITY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073521

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT15 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736640 Grid CELL 11
 Destination
 PD 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	69420 lb
In 03/30/2016 12:14:47	A_Scale_1	smarvin		Tare	28100 lb
Out 03/30/2016 12:14:47		smarvin		Net	41320 lb
				Tons	20.66

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	20.66	Tons				MON
2 RCR-P-Regulatory C	100		%				
3 EVF-P-Standard Env	100		%				
4 LFS4-LANDFILL FIXE	100		%				

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID Number</i>		Manifest Doc No.		2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736640				
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			B. State Generator's ID <i>State Generator's ID</i>				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID F. Transporter's Phone <i>Transporter 2 Phone</i>				
11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments			
			No.	Type						
a. NON DOT REGULATED MATERIAL WM Profile # 116263NY			001	DT	20.66	Wt./Vol.	Comments			
b. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				Type		Wt./Vol.	Comments			
c. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				Type	Total Qty	Wt./Vol.	Comments			
d. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				Type	Total Qty	Wt./Vol.	Comments			
J. Additional Descriptions for Materials Listed Above			K. Disposal Location							
			Cell			Level				
			Grid							
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order # <i>Purchase Order Number</i>		EMERGENCY CONTACT / PHONE NO.:								
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name <i>Jane MH Forbes</i>			Signature <i>Jane MH Forbes</i>			Month <i>3</i>	Day <i>30</i>	Year <i>16</i>		
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed Name <i>M. Hays</i>			Signature <i>[Signature]</i>		Month <i>3</i>	Day <i>30</i>	Year <i>16</i>
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed Name			Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name <i>S. Kinnally</i>			Signature <i>[Signature]</i>			Month <i>3</i>	Day <i>30</i>	Year <i>16</i>		

GENERATOR

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073518

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736639 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2016 11:51:03	A_Scale_1	SMARVIN			73540 lb
Out	03/30/2016 11:51:03		SMARVIN			27900 lb
					Net	45640 lb
					Tons	22.82

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	22.82	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____



NON-HAZARDOUS MANIFEST

RT-12

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID Number</i>		Manifest Doc No.		2. Page 1 of 1		RT-12			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA		4736639			
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID					
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			D. Transporter's Phone <i>Transporter 1 Phone</i>					
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID <i>State Transporter ID</i>		F. Transporter's Phone <i>Transporter 2 Phone</i>			
						G. State Facility ID					
						H. State Facility Phone		585-223-6132			
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments		
	a. NON DOT REGULATED MATERIAL WM Profile # 116263NY <i>#1073518</i>				No.	Type	Total Qty		Comments		
					001	DT		22.82			
	b. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				No.	Type	Total Qty		Comments		
	c. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				No.	Type	Total Qty	Wt./Vol.	Comments		
	d. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				No.	Type	Total Qty	Wt./Vol.	Comments		
J. Additional Descriptions for Materials Listed Above					K. Disposal Location						
					Cell		Level				
					Grid						
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED											
Purchase Order # <i>Purchase Order Number</i>					EMERGENCY CONTACT / PHONE NO.:						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name <i>Jane MH Forbes</i>				Signature <i>Jane MH Forbes</i>				Month	Day	Year	
								3	30	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials										
	Printed Name <i>THOMAS R. ZORODOWSKI</i>				Signature <i>Thomas R. Zorodowski</i>				Month	Day	Year
									03	30	16
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed Name				Signature				Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name <i>Skaralitte</i>				Signature <i>Skaralitte</i>				Month	Day	Year	
								3	30	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073517

Customer Name	MATRIXENVIRONMENTALTECHNOLOGI	Carrier	RIC RICELLI TRUCKING
Ticket Date	03/30/2016	Vehicle#	11
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0006866
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	4736638	Grid	CELL 11
Destination			
PO	1) 2094 2) 2094 3) 2094 4) 2094		
Profile	116263NY (NH SOIL)		
Generator	190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER		

	Time	Scale	Operator	Inbound	Gross	83960 lb
In	03/30/2016 11:38:55	A_Scale_1	JFRUTCHE		Tare	28060 lb
Out	03/30/2016 11:38:55		JFRUTCHE		Net	55900 lb
					Tons	27.95

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	27.95	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST E 11

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator's ID Number</i>	Manifest Doc No.	2. Page 1 of 1		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892	Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA		
			B. State Generator's ID 4736638		
5. Transporter 1 Company Name RICELLI TRUCKING INC.	6. US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID			
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>	8. US EPA ID Number <i>US EPA ID Number</i>	D. Transporter's Phone <i>Transporter 1 Phone</i>			
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450	10. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>			
		F. Transporter's Phone <i>Transporter 2 Phone</i>			
11. Description of Waste Materials	12. Containers	13. Total Quantity	14. Unit Wt./Vol.		
		No.	Type	I. Misc. Comments	
a. NON DOT REGULATED MATERIAL WM Profile # 116263NY	001	DT	Total Qty	Comments	
b. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>	No.		Wt./Vol.	Comments	
c. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>			Total Qty	Comments	
d. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>				Comments	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>	K. Disposal Location				
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED					
Purchase Order # <i>Purchase Order Number</i> EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.					
Printed Name <i>Jane MH Forbes</i>		Signature <i>Jane MH Forbes</i>		Month 3	Day 30
Year 16					
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed Name <i>Brian Mohr</i>		Signature <i>Brian Mohr</i>		Month 3	Day 30
Year 16					
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed Name		Signature		Month	Day
Year					
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name <i>Vicente Mitchell</i>		Signature <i>Vicente Mitchell</i>		Month 3	Day 30
Year 16					



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073513

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 331 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006886
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736637 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	
In 03/30/2016 11:09:56	A_Scale_1	JFRUTCHE		77360 lb	
Out 03/30/2016 11:09:56		JFRUTCHE		28620 lb	
				Net	48740 lb
				Tons	24.37

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		24.37	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		331		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA		4736637		
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID				
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID				
						F. Transporter's Phone <i>Transporter 2 Phone</i>				
						G. State Facility ID				
						H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials					12. Containers		13. Total Quantity	14. Unit Wt./Vol.	1. Misc. Comments
	a. NON DOT REGULATED MATERIAL					No.	Type	Total Qty		Comments
	WM Profile # 116263NY					001	DT		24.37	
	b. <i>Waste Name</i>							Total Qty	Wt./Vol.	Comments
	WM Profile # <i>WM Profile Number</i>									
	c. <i>Waste Name</i>								Wt./Vol.	Comments
WM Profile # <i>WM Profile Number</i>										
d. <i>Waste Name</i>									Comments	
WM Profile # <i>WM Profile Number</i>										
J. Additional Descriptions for Materials Listed Above					K. Disposal Location					
					Cell			Level		
					Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order # <i>Purchase Order Number</i>					EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name <i>Jane MH Forbes</i>			Signature <i>[Signature]</i>				Month	Day	Year	
							3	30	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials									
	Printed Name <i>[Name]</i>			Signature <i>[Signature]</i>		Month	Day	Year		
						3	30	16		
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed Name			Signature		Month	Day	Year			
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.									
Printed Name <i>[Name]</i>			Signature <i>[Signature]</i>				Month	Day	Year	
							3	30	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073507

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736636 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2016 10:53:48	A_Scale_1	JFRUTCHE		74920	1b
Out	03/30/2016 10:53:48		JFRUTCHE		28820	1b
					46100	1b
						23.05

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	23.05	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

34

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID		Manifest Doc No. Number		2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (If different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736636				
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID State Generator's ID				
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number US EPA ID Number			C. State Transporter's ID				
7. Transporter 2 Company Name Transporter 2 Company Name			8. US EPA ID Number US EPA ID Number			D. Transporter's Phone Transporter 1 Phone				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number US EPA ID Number			E. State Transporter's ID State Transporter ID				
						F. Transporter's Phone Transporter 2 Phone				
						G. State Facility ID State Facility ID				
						H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials					12. Containers		13. Total Quantity	14. Unit Wt./Vol.	15. Misc. Comments
	a. NON DOT REGULATED MATERIAL					No.	Type			
	WM Profile # 116263NY					001	DT			
	b. Waste Name					No.	Type	Total Qty	Wt./Vol.	Comments
	WM Profile #									
	c. Waste Name						Type	Total Qty	Wt./Vol.	
WM Profile #										
d. Waste Name						Type	Total Qty	Wt./Vol.		
WM Profile #										
J. Additional Descriptions for Materials Listed Above					K. Disposal Location					
					Cell			Level		
					Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order #					EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name Jane MH Forbes					Signature			Month	Day	Year
								3	30	16
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed Name J. Carpenter					Signature			Month	Day	Year
								3	30	16
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed Name					Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name J. Murphy					Signature			Month	Day	Year
								3	30	16

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073501

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT10 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736635 Grid CELL 11
 Destination
 PD 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	74200 lb
In	03/30/2016 10:43:15	A_Scale_1	JFRUTCHE		Tare	28160 lb
Out	03/30/2016 10:43:15		JFRUTCHE		Net	46040 lb
					Tons	23.02

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	23.02	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees

Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		2110			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (If different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA		4736635			
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID <i>State Generator's ID</i>			C. State Transporter's ID		D. Transporter's Phone <i>Transporter's Phone</i>			
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID		F. Transporter's Phone <i>Transporter's Phone</i>			
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			G. State Facility ID <i>State Facility ID</i>		H. State Facility Phone 585-223-6132			
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			I. Misc. Comments					
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.				
	a. NON DOT REGULATED MATERIAL			No.	Type	Total Qty.	Wt./Vol.	Comments			
	WM Profile # 116263NY			001	DT						
	b. Waste Name							Comments			
	WM Profile #										
TRANSPORTER	c. Waste Name			No.	Type	Total Qty.	Wt./Vol.	Comments			
	WM Profile #										
	d. Waste Name			No.	Type	Total Qty.	Wt./Vol.	Comments			
	WM Profile #										
J. Additional Descriptions for Materials Listed Above			K. Disposal Location								
			Cell					Level			
			Grid								
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED											
Purchase Order # <i>Purchase Order Number</i>			EMERGENCY CONTACT / PHONE NO.:								
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name <i>Jane MH Forbes</i>			Signature <i>Jane MH Forbes</i>				Month 3	Day 30	Year 16		
FACILITY	17. Transporter 1 Acknowledgement of Receipt of Materials										
	Printed Name <i>Tat Russo</i>			Signature <i>Tat Russo</i>				Month 3	Day 30	Year 16	
	18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed Name			Signature				Month	Day	Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.											
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.											
Printed Name <i>J. Muthka</i>			Signature <i>J. Muthka</i>				Month 3	Day 30	Year 16		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073500

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT15 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736634 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2016 10:42:06	A_Scale_1	JFRUTCHE		67480 lb	
Out	03/30/2016 10:42:06		JFRUTCHE		28100 lb	
					Net	39380 lb
					Tons	19.69

Comments

Product	LD%	Qty	UDM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	19.69	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

river's Signature _____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		<i>BTE</i>		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA		4736634		
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID <i>State Generator's ID</i>				
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID <i>State Transporter ID</i>				
						F. Transporter's Phone <i>Transporter 2 Phone</i>				
						G. State Facility ID <i>State Facility ID</i>				
						H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials					12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL					No.	Type			
	WM Profile # 116263NY					001	DT	19.69	Wt./Vol.	Comments
	b. <i>Waste Name</i>								Wt./Vol.	Comments
	WM Profile # <i>WM Profile Number</i>									
	c. <i>Waste Name</i>						Type	Total Qty		Comments
	WM Profile # <i>WM Profile Number</i>									
d. <i>Waste Name</i>									Comments	
WM Profile # <i>WM Profile Number</i>										
J. Additional Descriptions for Materials Listed Above					K. Disposal Location					
					Cell			Level		
					Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order # <i>Purchase Order Number</i>					EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name <i>Jane MH Forbes</i>			Signature <i>Jane MH Forbes</i>				Month 3	Day 30	Year 16	
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed Name <i>Michael Hayes</i>			Signature <i>Michael Hayes</i>				Month 3	Day 30	Year 16	
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed Name			Signature				Month	Day	Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name <i>John P. Harkay</i>			Signature <i>John P. Harkay</i>				Month 3	Day 30	Year 16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073497

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736633 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	71960 lb
In	03/30/2016 10:27:05	A_Scale_1	JFRUTCHE		Tare	27900 lb
Out	03/30/2016 10:27:05		JFRUTCHE		Net	44060 lb
					Tons	22.03

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	22.03	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Manifest Doc No.		2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA 4736633			
4. Generator's Phone Jane MH Forbes 585-428-7892				B. State Generator's ID			
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone 585-223-6132			
11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
		No.	Type				
a. NON DOT REGULATED MATERIAL		001	DT	Total Qty	22.03T	Comments	
WM Profile # 116263NY #1073197							
b. Waste Name			Type	Total Qty		Comments	
WM Profile #							
c. Waste Name				Total Qty		Comments	
WM Profile #							
d. Waste Name				Total Qty		Comments	
WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location					
		Cell		Level			
		Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Jane MH Forbes		Signature			Month 3	Day 30	Year 16
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature			Month	Day	Year
Printed Name THOMAS R. ZORONOWSKI		Signature					
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature			Month	Day	Year
Printed Name		Signature					
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name J. M. H. H. H. H. H.		Signature			Month 3	Day 30	Year 16

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
 Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

GENERATOR TRANSPORTER FACILITY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073486

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 331 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736632 Grid CELL 11
 Destination
 PD 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2016 09:45:02	A_Scale_1	JFRUTCHE		79240 lb	
Out	03/30/2016 09:45:02		JFRUTCHE		28620 lb	
					Net	50620 lb
					Tons	25.31

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC-	100	25.31	Tons				
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees
 Total Ticket

Driver's Signature _____



NON-HAZARDOUS MANIFEST

331

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>Number</i>	2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614 4. Generator's Phone Jane MH Forbes 585-428-7892	Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA 4736632			
			B. State Generator's ID <i>State Generator's ID</i>			
5. Transporter 1 Company Name RICELLI TRUCKING INC.	6. US EPA ID Number <i>US EPA ID Number</i>	C. State Transporter's ID				
		D. Transporter's Phone <i>Transporter 1 Phone</i>				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>	8. US EPA ID Number <i>US EPA ID Number</i>	E. State Transporter's ID <i>State Transporter ID</i>				
		F. Transporter's Phone <i>Transporter 2 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450	10. US EPA ID Number <i>US EPA ID Number</i>	G. State Facility ID <i>State Facility ID</i>				
		H. State Facility Phone 585-223-6132				
11. Description of Waste Materials a. NON DOT REGULATED MATERIAL WM Profile # 116263NY b. WM Profile # c. WM Profile # d. WM Profile #	12. Containers		13. Total Quantity <i>Total Qty</i>			
	No.	Type		14. Unit Wt./Vol. 25.31		
	001	DT			I. Misc. Comments <i>Comments</i>	
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>		K. Disposal Location				
		Cell	Level			
		Grid				
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED						
Purchase Order # <i>Purchase Order Number</i>		EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Jane MH Forbes</i>		Signature <i>Jane MH Forbes</i>				
		Month 5	Day 30			
		Year 16				
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>				
		Month 5	Day 30			
		Year 16				
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed Name		Signature				
		Month	Day			
		Year				
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>J. Muckha</i>		Signature <i>J. Muckha</i>				
		Month 5	Day 30			
		Year 16				

GENERATOR

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073480

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736631 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	77120 lb
In 03/30/2016 09:26:31	A_Scale_1	JFRUTCHE		Tare	28740 lb
Out 03/30/2016 09:43:11	B_Scale_2	JFRUTCHE		Net	48380 lb
				Tons	24.19

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		24.19	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

300

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA			
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID 4736631						
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>				
					F. Transporter's Phone <i>Transporter 2 Phone</i>				
					G. State Facility ID <i>State Facility ID</i>				
					H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL				No.	Type	Total Qty		
	WM Profile # 116263NY				001	DT			
	b. Waste Name				No.	Type	Total Qty	Wt./Vol.	Comments
	WM Profile #								
	c. Waste Name					Type	Total Qty	Wt./Vol.	Comments
WM Profile #									
d. Waste Name							Wt./Vol.	Comments	
WM Profile #									
J. Additional Descriptions for Materials Listed Above				K. Disposal Location					
				Cell		Level			
				Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED									
Purchase Order # <i>Purchase Order Number</i>				EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name <i>Jane MH Forbes</i>			Signature <i>[Signature]</i>			Month 3	Day 30	Year 16	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed Name <i>[Name]</i>			Signature <i>[Signature]</i>			Month 3	Day 30	Year 16	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed Name			Signature			Month	Day	Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.									
Printed Name <i>[Name]</i>			Signature <i>[Signature]</i>			Month 3	Day 30	Year 16	

GENERATOR
TRANSPORTER
FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073448

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT10 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736630 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	69400 lb
In	03/30/2016 08:48:59	A_Scale_1	JFRUTCHE		Tare	28160 lb
Out	03/30/2016 09:13:38	B_Scale_2	JFRUTCHE		Net	41240 lb
					Tons	20.62

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RBC- 100		20.62	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Driver's Signature

Russo

Total Fees
 Total Ticket





NON-HAZARDOUS MANIFEST

RT10

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA 4736630				
4. Generator's Phone Jane MH Forbes 585-428-7892			B. State Generator's ID <i>State Generator's ID</i>							
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID					
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>					
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>					
					F. Transporter's Phone <i>Transporter 2 Phone</i>					
					G. State Facility ID <i>State Facility ID</i>					
					H. State Facility Phone 585-223-6132					
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments			
	a. NON DOT REGULATED MATERIAL		No.	Type	Total Qty		Comments			
	WM Profile # 116263NY		001	DT						
	b. Waste Name				Total Qty	Wt./Vol.	Comments			
	WM Profile #									
c. Waste Name				Total Qty	Wt./Vol.	Comments				
WM Profile #										
d. Waste Name				Total Qty	Wt./Vol.	Comments				
WM Profile #										
J. Additional Descriptions for Materials Listed Above			K. Disposal Location							
			Cell			Level				
			Grid							
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:								
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name <i>Jane MH Forbes</i>		Signature <i>[Signature]</i>				Month	Day	Year		
						5	30	16		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>Paul Russo</i>				Signature <i>[Signature]</i>		Month	Day	Year
						3	30	16		
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name				Signature		Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.										
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.										
Printed Name <i>Marcus...</i>		Signature <i>[Signature]</i>				Month	Day	Year		
						3	30	16		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073441

Customer Name	MATRIXENVIRONMENTALTECHNOLOGI	Carrier	RIC RICELLI TRUCKING
Ticket Date	03/30/2016	Vehicle#	RT15
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	
Hauling Ticket#		Check#	
Route		Billing #	0006866
State Waste Code		Gen EPA ID	NOT REQUIRED
Manifest	4736629	Grid	CELL 11
Destination			
PO	1) 2094 2) 2094 3) 2094 4) 2094		
Profile	116263NY (NH SOIL)		
Generator	190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER		

Time	Scale	Operator	Inbound	Gross	70660 lb
In 03/30/2016 08:45:57	A_Scale_1	JFRUTCHE		Tare	28100 lb
Out 03/30/2016 09:12:26	B_Scale_2	JFRUTCHE		Net	42560 lb
				Tons	21.28

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pat-RGC-	100	21.28	Tons				MON
2 RCR-P-Regulatory C	100		%				MON
3 EVF-P-Standard Env	100		%				MON
4 LFS4-LANDFILL FIXE	100		%				MON

Total Fees

Total Ticket

Driver's Signature _____





NON-HAZARDOUS MANIFEST

RT15

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID		Manifest Doc No. Number		2. Page 1 of 1			
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA			
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID State Generator's ID			
5. Transporter 1 Company Name RICCELLI TRUCKING INC.			6. US EPA ID Number US EPA ID Number			C. State Transporter's ID			
7. Transporter 2 Company Name Transporter 2 Company Name			8. US EPA ID Number US EPA ID Number			D. Transporter's Phone Transporter 1 Phone			
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number US EPA ID Number			E. State Transporter's ID State Transporter ID			
						F. Transporter's Phone Transporter 2 Phone			
						G. State Facility ID			
						H. State Facility Phone 585-223-6132			
GENERATOR	11. Description of Waste Materials				12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL				No.	Type			
	WM Profile # 116263NY				001	DT	21.28		
	b. Waste Name						Total Qty	Wt./Vol.	
	WM Profile #								
	c. Waste Name					Type	Total Qty		Comments
WM Profile #									
d. Waste Name									
WM Profile #									
J. Additional Descriptions for Materials Listed Above				K. Disposal Location					
Additional Description				Cell			Level		
				Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED									
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name Jane MH Forbes				Signature <i>[Signature]</i>			Month 7	Day 30	Year 16
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>			Month 3	Day 30	Year 16
Printed Name Michael Hayes				Signature <i>[Signature]</i>			Month	Day	Year
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature			Month	Day	Year
Printed Name				Signature			Month	Day	Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.									
Printed Name Michael Hayes				Signature <i>[Signature]</i>			Month	Day	Year
							Month	Day	Year

TRANSPORTER

FACILITY

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073440

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# RT12 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736628 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	70000 lb
In	03/30/2016 08:44:14	A_Scale_1	JFRUTCHE		Tare	27900 lb
Out	03/30/2016 08:44:14		JFRUTCHE		Net	42100 lb
					Tons	21.05

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		21.05	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____



NON-HAZARDOUS MANIFEST

RT12

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>		Manifest Doc No. <i>Number</i>		2. Page 1 of 1		RT-12		
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614			Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609			A. Manifest Number WMNA		4736628		
4. Generator's Phone Jane MH Forbes 585-428-7892						B. State Generator's ID				
5. Transporter 1 Company Name RICELLI TRUCKING INC.			6. US EPA ID Number <i>US EPA ID Number</i>			C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>			8. US EPA ID Number <i>US EPA ID Number</i>			D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450			10. US EPA ID Number <i>US EPA ID Number</i>			E. State Transporter's ID <i>State Transporter ID</i>				
						F. Transporter's Phone <i>Transporter 2 Phone</i>				
						G. State Facility ID <i>State Facility ID</i>				
						H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials					12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON DOT REGULATED MATERIAL WM Profile # 116263NY					No.	Type			
						001	DT		21.05T	
	b. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>							Total Qty.	Wt./Vol.	Comments
	c. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>						Type	Total Qty.	Wt./Vol.	Comments
	d. <i>Waste Name</i> WM Profile # <i>WM Profile Number</i>						Type	Total Qty.	Wt./Vol.	Comments
J. Additional Descriptions for Materials Listed Above <i>Additional Description</i>					K. Disposal Location					
					Cell			Level		
					Grid					
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED										
Purchase Order # <i>Purchase Order Number</i>					EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.										
Printed Name Jane MH Forbes			Signature <i>Jane MH Forbes</i>				Month	Day	Year	
							3	30	16	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials									
	Printed Name THOMAS R. ZORODOWSKI			Signature <i>Thomas R. Zorodowski</i>				Month	Day	Year
								03	30	16
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed Name			Signature				Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.									
	Printed Name John J. Frithony			Signature <i>John J. Frithony</i>				Month	Day	Year
							2	1	16	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073408

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 331 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736627 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

Time	Scale	Operator	Inbound	Gross	Volume
03/30/2016 08:15:58	A_Scale_1	JFRUTCHE			75400 lb
03/30/2016 08:15:58		JFRUTCHE			28620 lb
				Net	46780 lb
				Tons	23.39

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
Cont Soil Pet-RGC-	100	23.39	Tons				MON
RCR-P-Regulatory C	100		%				MON
EVF-P-Standard Env	100		%				MON
LFS4-LANDFILL FIXE	100		%				MON

Operator's Signature _____

Total Fees
 Total Ticket

M



NON-HAZARDOUS MANIFEST

331

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. <i>Generator's ID</i>	Manifest Doc No. <i>Number</i>	2. Page 1 of 1				
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA	4736627			
4. Generator's Phone Jane MH Forbes 585-428-7892		B. State Generator's ID <i>State generator's ID</i>						
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number <i>US EPA ID Number</i>		C. State Transporter's ID				
7. Transporter 2 Company Name <i>Transporter 2 Company Name</i>		8. US EPA ID Number <i>US EPA ID Number</i>		D. Transporter's Phone <i>Transporter 1 Phone</i>				
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number <i>US EPA ID Number</i>		E. State Transporter's ID <i>State Transporter ID</i>				
				F. Transporter's Phone <i>Transporter 2 Phone</i>				
				G. State Facility ID <i>State Facility ID</i>				
				H. State Facility Phone 585-223-6132				
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
	a. NON DOT REGULATED MATERIAL		No.	Type	Total Qty.			
	WM Profile # 116263NY		001	DT		23.39		
	b. Waste Name		No.		Total Qty.	Wt./Vol.		
	WM Profile #							
	c. Waste Name		No.	Type	Total Qty.	Wt./Vol.		Comments
	WM Profile #							
d. Waste Name		No.		Total Qty.	Wt./Vol.	Comments		
WM Profile #								
J. Additional Descriptions for Materials Listed Above		K. Disposal Location						
		Cell		Level				
		Grid						
15. Special Handling Instructions and Additional Information 1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED								
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Jane MH Forbes</i>		Signature <i>[Signature]</i>			Month <i>3</i>	Day <i>30</i>	Year <i>16</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed Name <i>Dave Pleschick</i>		Signature <i>[Signature]</i>			Month <i>3</i>	Day <i>30</i>	Year <i>16</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed Name		Signature			Month	Day	Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>John Fritchaj</i>		Signature <i>[Signature]</i>			Month <i>3</i>	Day <i>30</i>	Year <i>16</i>	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



High Acres LF
 425 Perinton Pkwy
 Fairport, NY, 14450
 Ph: (585) 223-6132

Original
 Ticket# 1073405

Customer Name MATRIXENVIRONMENTALTECHNOLOGI Carrier RIC RICELLI TRUCKING
 Ticket Date 03/30/2016 Vehicle# 36 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0006866
 State Waste Code Gen EPA ID NOT REQUIRED
 Manifest 4736626 Grid CELL 11
 Destination
 PO 1) 2094 2) 2094 3) 2094 4) 2094
 Profile 116263NY (NH SOIL)
 Generator 190-ROCHESTERCTY1200EMAIN CITY OF ROCHESTER

	Time	Scale	Operator	Inbound	Gross	
In	03/30/2016 08:07:39	A_Scale_1	JFRUTCHE			77440 lb
Out	03/30/2016 08:07:39		JFRUTCHE			28820 lb
					Net	48620 lb
					Tons	24.31

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Cont Soil Pet-RGC- 100		24.31	Tons				MON
2 RCR-P-Regulatory C 100			%				MON
3 EVF-P-Standard Env 100			%				MON
4 LFS4-LANDFILL FIXE 100			%				MON

Total Fees
 Total Ticket

Driver's Signature _____



NON-HAZARDOUS MANIFEST

311

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. Generator's ID	Manifest Doc No. Number	2. Page 1 of 1
3. Generator's Mailing Address: CITY OF ROCHESTER 30 CHURCH ST. ROOM 300B ROCHESTER, NY 14614		Generator's Site Address (if different than mailing): CITY OF ROCHESTER 1200 EAST MAIN ST. ROCHESTER, NY 14609		A. Manifest Number WMNA
4. Generator's Phone Jane MH Forbes 585-428-7892		B. State Generator's ID 4736626		
5. Transporter 1 Company Name RICCELLI TRUCKING INC.		6. US EPA ID Number		C. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone
9. Designated Facility Name and Site Address WM OF NEW YORK AT HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450		10. US EPA ID Number		E. State Transporter's ID
				F. Transporter's Phone
				G. State Facility ID
				H. State Facility Phone 585-223-6132

GENERATOR

11. Description of Waste Materials	12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	No.	Type			
a. NON DOT REGULATED MATERIAL WM Profile # 116263NY	001	DT			
b. Waste Name WM Profile #		Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile #		Type	Total Qty.	Wt./Vol.	Comments
d. Waste Name WM Profile #		Type	Total Qty.	Wt./Vol.	Comments

J. Additional Descriptions for Materials Listed Above

K. Disposal Location

Cell	Level
Grid	

15. Special Handling Instructions and Additional Information
1 - 116263NY: NON HAZARDOUS SOIL WEIGHT IS ESTIMATED

Purchase Order # _____ EMERGENCY CONTACT / PHONE NO.: _____

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name: Jane MH Forbes Signature: [Signature] Month: 3 Day: 30 Year: 16

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: [Signature] Signature: [Signature] #080 Month: 3 Day: 30 Year: 16

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

TRANSPORTER

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name: JOHN MITCHELL Signature: [Signature] Month: 3 Day: 30 Year: 16

FACILITY



APPENDIX 9
CAMP FIELD DATA SHEETS AND
AIR MONITORING DATA

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 3/9/2010

Site Representative: J. Jones / E. Jones / R. Jones / R. Hambley
 Appr. Wind Direction: SW → NE
 Weather Conditions: part. Shiny, 45°F

Time
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work
 Tasks: Excavate 2' soil from Areas 1A + 1B

Action Level Exceedance: None Yes: (description)

Notes: Readings to be taken at 15 minute intervals.
Excavation Area 1A - 0800 to 11:08
Excavation Area 1B - 11:25 to 13:15

Time	Particulates (µg/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
8:00	0.800			
8:15	0.811			
8:30	0.815			
8:45	0.825			
8:50	0.830			0.0
8:53	0.843	0.125	0.0	0.0
8:55	0.851	0.162	0.0	0.0
8:58	0.900	0.327	0.0	0.0
9:00	0.930	0.180	0.0	0.0
9:05	0.940	0.128	0.0	0.0
9:10	0.955	0.113	0.0	0.0
10:10	1.010	0.121	0.0	0.0
10:25	1.025	0.109	0.0	0.0
11:05	1.105	0.090	0.0	0.0
11:25	1.125	0.105	0.0	0.0
11:40	1.140	0.121	0.0	0.0
12:10	1.210	0.113	0.0	0.0
12:25	1.225	0.109	0.0	0.0
12:40	1.240	0.093	0.0	0.0
13:55	1.355	0.089	0.0	0.0
13:25	1.325	0.093	0.0	0.0
14:05	1.405	0.104	0.0	0.0
14:35	1.435	0.101	0.0	0.0
14:50	1.450	0.107	0.0	0.0

no trucks 0854 to 0935

no trucks 1025 to 11:00

11:08 - 11:25
11:43 - 12:07

Digging TP Area 4 Area 2 + Area 3

Last reading 2:00 PM

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 µg/m³.
 If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID: TSI 59844
 Daily Background: 0.176 - 0.185 µg/m³

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID: R1967
 Calibration Time: 7:55 am
 Background Reading: 0.00 ppm

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 3/10/2010

Site Representative: Jan F. ...
 Appr. Wind Direction: to the ...
 Weather Conditions: 2010 soft sunny

Time: 0905
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work

Tasks: Excavate 6-4' from Area 4 for backfill in Area 1A + 1B

Action Level Exceedance: None Yes: (description)

Notes: Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
20.8	0830 0.129	0.114	C.C.	C.C.
20.5	0845 0.126	0.115	C.C.	C.C.
20.2	0900 0.125	0.124	C.C.	C.C.
20.7	0915 0.122	0.131	C.C.	C.C.
20.6	0930 0.127	0.133	C.1	5.0 (B)
20.5	0945 0.195	0.121	C.2	25.7 (B) C.5
20.2	1000 0.107	0.109	C.C.	C.C.
20.4	1015 0.120	0.114	C.C.	C.C.
20.3	1030 0.099	0.091	C.C.	C.C.
• Completed excavation of Area 4 by 1030 AM. • Backfilling Area 1A + 1B → (compacting) until - • Backblasting + cleaning concrete / asphalt until - • Demolished from site (D) →				

O₂/LEL
 Innova
 # R7810

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³.
 If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.
 TSI Dust Trac 8520
 Meter ID: S9844
 Daily Background:

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.
 MiniRae 3000
 Meter ID: R11907
 Calibration Time: 0825
 Background Reading C.C.

(B) = From Bucket of Excav

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 8/15/2018

Site Representative: [Signature]
 Appr. Wind Direction: 160-170
 Weather Conditions: 100% Cloudy

Time
 On-Site: _____ Off-Site: _____
 Appr. Wind Speed: 10 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work
 Tasks:

Action Level Exceedance:	None	Yes: (description)
--------------------------	------	--------------------

Notes: Examined calibration for PM10. Degree Exceeded for 10/10. In Area 4, 4/1/18
 Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)				Volatile Organic Compounds (VOCs) (ppm)			
	Perimeter Monitoring		Work Zone Monitoring		Perimeter Monitoring		Work Zone Monitoring	
Calibration + Background	0.005	0.007		0.007		0.0		0.0
20.6	0.046	0.032		0.032		0.0		0.0
20.9	0.053	0.013		0.027		0.0		0.0
20.9	10.00	0.006		0.007		0.0		0.0
20.6	10.20	0.006		0.013		0.0		0.0
20.6	10.35	0.006		0.013		0.0		0.0
20.9	10.50	0.015		0.007		0.0		0.0
20.9	11.05	0.009		0.011		0.0		0.0
20.9	11.20	0.010		0.012		0.0		0.0
20.9	11.35	0.005		0.011		0.0		0.0
20.9	11.50	0.005		0.007		0.0		0.0
20.9	12.05	0.014		0.017		0.0		0.0
20.9	12.20	0.007		0.006		0.0		0.0
20.9	12.35	0.012		0.047		0.0		0.0
20.9	12.50	0.006		0.016		0.0		0.0
20.9	13.05	0.007		0.010		0.0		0.0
	13.20	NA		NA		NA		NA
	13.35	NA		NA		NA		NA
20.9	13.50	NA	0.004	NA	0.0	NA	0.0	NA
20.9	14.05	0.023		0.113		0.0		0.0
	14.20	0.024		0.102		0.0		1.1
	14.35	NA						

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³.
 If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID: 59844
 Daily Background: DUST TRAC 0.009

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID: R11967
 Calibration Time: 08:00
 Background Reading: 0.00

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: _____

Site Representative: _____
 Appr. Wind Direction: _____
 Weather Conditions: _____

Appr. Wind Speed: _____

Time
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work Tasks: *Excavate 10-100 ppm soil from AREA 2 for re-use sampling; excavate 100 ppm soil for off site loading/disposal on 3/17/2010*

Action Level Exceedance: None Yes: (description)

Notes: Readings to be taken at 15 minute intervals.

	Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
		Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
<i>Downwind</i>		0835	0.061	NA	NA
	20.9	0845	0.038	NA	NA
	20.9	0850	0.024	0.059	1.4
	20.9	0905	0.018	0.063	0.6
	20.9	0920	0.020	0.015	0.0
	20.9	0935	0.014	0.016	0.3
	20.9	<i>Excavating as excavation -</i>			
	20.9	1020	0.048	0.029	13.4
	20.9	1035	0.026	0.026	6.4
	20.9	1040	0.035	0.029	450
	20.9	1055	0.014	0.018	2.1
	20.9	1105	0.013	0.02	NA
	20.9	1125	0.032	0.034	NA
		<i>Stackpiling 0-16 ppm soil moving 1000' soil in AREA to prep for live load 3/17/10</i>			
	20.9	1205	0.016	0.026	NA
	20.9	1220	0.017	0.028	NA
	20.9	1230	0.010	0.027	NA
	20.9	1245	0.019	0.021	294
	20.9	1300	0.010		4.0
		<i>Finish excavating @ 1305 off West AREA 4 sidewalk. cleaning up site; blocking Prepping for live load.</i>			

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³. If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

DUST TRK

Meter ID: 54544
 Daily Background: 0.061

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

MINOR VOC

Meter ID: R11967
 Calibration Time: 0843
 Background Reading

AREA 4 *excavate*

Date: 3/17/2010

Site Representative: Jean Forbes
 Appr. Wind Direction: _____
 Weather Conditions: Fair, sunny 50°F

Appr. Wind Speed: 5 mph SW → NE

Time
 On-Site: 0730 Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work: Live loading grossly contaminated soils to MTS Landfill
 Tasks: from AREA 2 + AREA 4.

Action Level Exceedance: > 5 ppm (5 min sustained) None Yes: (description)

Notes: begin loading @ 0800
 Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0730	0.018		0.0	0.0
20.4	0800 0.031	0.041	0.0	0.5
20.5	0815 NA	NA	NA	NA
20.5	0830 0.022	0.032	0.0	7.4
20.5	0845 0.031	0.028	0.0	1.3
20.6	0900 0.033	0.039	0.0	9.8
20.6	0915 0.021	0.048	0.0	0.8
20.6	0930 0.042	0.058	0.0	0.7
20.9	0945 0.025	0.032	0.0	5.0
20.9	1000 0.050	0.026	0.0	2.0
20.9	1015 0.021	0.054	0.0	0.6
20.9	1030 0.022	0.179	0.0	1.7
20.9	1050 0.039	0.054	0.0	0.0
20.9	1105 0.044	0.121	0.0	2.0
20.9	1120 0.143	0.087	0.0	0.2
20.9	1135 0.086	0.056	0.0	1.0
20.9	1150 0.032	0.026	0.0	0.0
20.9	1205 0.081	0.087	0.0	0.6
20.9	1220 0.096	0.063	0.0	2.0
20.9	1235 0.011	0.018	0.0	0.4
20.9	1250 0.013	0.135	0.0	1.2
20.9	1305 0.015	0.083	0.0	0.0
20.9	1320 0.025	0.169	0.0	3.4
20.9	1335 0.017		0.0	

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³. If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

DUST TRAC

Meter ID: S9844
 Daily Background: 0.018

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

R11967

Meter ID: Mina Rae 2000
 Calibration Time: 0730
 Background Reading: 0.0

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 3/18/2010

AG 1 26 2

Site Representative: Jane Forbes On-Site: 0800 Time Off-Site: 1500
 Appr. Wind Direction: SW → NE Appr. Wind Speed: 5+ On-Site: _____ Off-Site: _____
 Weather Conditions: all, 50°F sunny Wind 10 mph On-Site: _____ Off-Site: _____

Description of Daily Work Tasks: Complete excavation + removal of cont. soil from AREA 2
Continue removal of cont soil from AREA 4.

Action Level Exceedance: None Yes: (description)

Notes: Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0800	0.014		0.00	
0809	0.031	0.021	0.0	0.7
0819	0.075	0.139	0.0	0.3
0829	0.023	0.024	0.0	0.0
0839	0.055	0.014	0.0	0.0
0849	0.015	0.015	0.0	0.0
0859	0.040	0.020	0.0	0.0
0909	0.046	0.035	0.0	1.8
0919	0.102	0.113	0.0	4.0
0929	0.020	0.029	0.0	0.9
10 TRUCKS - back hilling AREA 2				
1000	0.106	0.149	0.0	0.0
1010	0.091	0.087	0.0	0.0
1020	0.023	0.132	0.0	2.8
1030	0.086	1.001	0.0	1.1
1040	0.901	0.842	0.0	0.3
1050	0.041	0.199	0.0	1.9
1100	0.013	0.117	0.0	0.4
1110	0.029	0.156	0.0	0.0
1120	0.147	0.380	0.1	2.8
1130	0.025	0.623	1.2	4.2
1140	0.139	0.686	0.0	4.3
1150	0.073	0.324	0.0	1.2
1200	0.065	0.530	0.0	1.8
1210	0.023	0.179	0.0	2.6

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³. If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

DUST TRAC
 Meter ID: 59844
 Daily Background: 0.014

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

R11967
 Meter ID: MiniRae 2000
 Calibration Time: 0800
 Background Reading: 0.00

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 2/29/2010

Site Representative: Dennis Peck
 Appr. Wind Direction: _____
 Weather Conditions: _____

Appr. Wind Speed: _____

Time
 On-Site: 0745
 On-Site: _____
 On-Site: _____

Off-Site: _____
 Off-Site: _____
 Off-Site: _____

Description of Daily Work

Tasks: importing backfill from 1317 S Plymouth

light rain

Action Level Exceedance: None Yes: (description)

Notes:
 Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0800	0.008	0.007	0.0	0.0
0815	0.007	0.010	0.0	0.0
830	0.010	0.010	0.0	0.0
845	0.012	0.015	0.0	0.0
900	0.009	0.010	0.0	0.0
915	0.014	0.020	0.0	0.0
930	0.018	0.023	0.0	0.0
945	0.020	0.025	0.0	0.0
1000	0.016	0.020	0.0	0.0
1015	0.023	0.022	0.0	0.0
1030	0.026	0.030	0.0	0.0
1045	0.019	0.026	0.0	0.0
1100	0.022	0.024	0.0	0.0
1115	0.018	0.023	0.0	0.0
1130	0.021	0.031	0.0	0.0
1145	0.025	0.030	0.0	0.0
1200	0.027	0.030	0.0	0.0
1215	0.010	0.012	0.0	0.0
1230	0.005	0.007	0.0	0.0
1245	0.012	0.015	0.0	0.0
1300	0.007	0.008	0.0	0.0
1315	0.011	0.014	0.0	0.0
1330	0.004	0.006	0.0	0.0

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m3. If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Dust Trac

Meter ID: 59844
 Daily Background: _____

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Mini Raze 2000

Meter ID: R11967
 Calibration Time: 6800
 Background Reading: _____

**1200 East Main Street - City of Rochester
Community Air Monitoring Daily Log**

Date: 3/31/200

Site Representative: A. Stinson, M. Carpenter
 Appr. Wind Direction: _____ Appr. Wind Speed: _____
 Weather Conditions: fair, 40s, partly cloudy

Time
 On-Site: 0730 Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work Tasks: Backfill Areas 2 & 4 with imported soil from S. Plymouth, Stockpile soil from S. Plymouth near Area 3 (to be excavated).

Action Level Exceedance: None Yes: (description)

Notes:
 Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0800	0.160	0.110		
0815	0.038	0.085		
0830	0.058	0.112		
0845	0.048	0.158		
0900	0.028	0.042		
0915	0.022	0.038		
0930	0.065	0.139		
0945	0.047	0.020		
1000	0.024	0.188		
1015	0.030	0.013		
1030	0.013	0.037		
1045	0.036	0.083		
1100	0.012	0.023		
1115	0.011	0.018		
1130	0.309	0.387		
1145	0.013	0.029		
1200	0.017	0.085		
1215	0.012	0.024		
1230	0.013	0.031		
1245	0.018	0.032		
1300	0.010	0.011		
1315	0.011	0.012		
1330	0.018	0.032		
1345	0.010	0.018		

no filling -
 truck stuck
 at S. Plymouth

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³.
 If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID: S984A
 Daily Background: _____

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID: _____
 Calibration Time: _____
 Background Reading: _____

1200 East Main Street - City of Rochester
Community Air Monitoring Daily Log

Date: 4/1/2020

Site Representative: John F. [unclear]
Appr. Wind Direction: SE → NW
Weather Conditions: 71, 62° Sunny

Time
On-Site: 0730 Off-Site: _____
On-Site: _____ Off-Site: _____
On-Site: _____ Off-Site: _____

Appr. Wind Speed: 5

Description of Daily Work
Tasks: Excavate Area 3

Action Level Exceedance: None Yes: (description)

Notes:
Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0730				
0735	0.024	0.026	0.0	0.0
0745	0.069	0.073	0.0	0.0
0800	0.077	0.031	0.0	0.0
0815	0.052	0.077	0.0	2.2
0830	0.032	0.046	0.0	0.0
0845	0.021	0.023	0.0	0.0
0900	0.019	0.022	0.0	0.8
0915	0.026	0.053	0.0	0.6
0930	0.020	0.102	0.0	1.4
0945	0.030	0.045	0.0	0.0
1000	0.019	0.031	0.0	1.5
1015	0.040	0.052	0.0	0.7
1030	0.052	0.078	0.1	1.5
1045	0.051	0.068	0.0	7.1
1100	0.032	0.032	0.0	0.0
1115	0.048	0.075	0.0	0.1
1130	0.025	0.136	0.0	6.7
1145	0.039	0.088	0.0	3.5
1200	0.021	0.232	0.0	4.7
1215	0.019	0.028	0.0	0.0
1230	0.021	0.031	0.0	0.0
1245	0.022	0.082	0.0	3.0
1300	0.032	0.037	0.0	0.0

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³.
If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID:
Daily Background:

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID:
Calibration Time:
Background Reading:

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 4/5/2010

Site Representative: Jane Forbes
 Appr. Wind Direction: S → NE
 Weather Conditions: air 66°F, cloudy

Time: 0725
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work

Tasks: Excavation Area 3 west side

Action Level Exceedance: None Yes: (description)

Notes: Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0730				
20.5 0730	0.009	0.021	0.0	0.0
20.5 0745	0.068	0.038	0.0	0.2
20.5 0800	0.058	0.056	0.0	0.0
20.6 0815	0.036	0.044	0.0	0.2
20.9 0830	0.066	0.124	0.0	0.1
20.9 0845	0.021	0.105	0.0	0.0
20.9 0900	0.076	0.102	0.0	0.0
20.9 0915	0.081	0.178	0.0	8.1
20.9 0930	0.040	0.079	0.0	0.1
20.9 0945	0.092	0.313	0.0	3.8
20.9 1000	0.095	0.091	0.0	0.0
20.9 1015	0.024	0.043	0.0	1.8
20.9 1030	0.065	0.213	0.0	0.0
20.9 1045	0.037	0.140	0.0	1.7
20.9 1100	backfilling + site restoration		NA	NA
20.9	0.014	0.249	NA	NA
NA 1115	0.151	0.146	NA	NA
NA 1130	0.050	0.079	NA	NA
NA 1145	0.093	0.171	NA	NA

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³.
 If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID: 50844
 Daily Background: 0.009

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID: R11967
 Calibration Time:
 Background Reading: 0.0

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 3/22/2010

Site Representative: John Forster
 Appr. Wind Direction: SW → NE
 Weather Conditions: cool, 45°F, cloudy

Time
 On-Site: 0750 Off-Site: _____
 On-Site: _____ Off-Site: _____
 On-Site: _____ Off-Site: _____

Description of Daily Work Tasks: Excavate cont. soil from AREA 4. Backfill AREA 2. Pump GWO from AREA 4

Action Level Exceedance: None Yes: (description)

Notes: Readings to be taken at 15 minute intervals.

Time	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0805	0.002		0.00	
0805	0.021	0.207	0.00	0.8
0820	0.023	0.281	0.00	0.0
0835	0.024	0.056	0.00	0.1
0850	0.024	0.047	0.00	0.1
0900	0.021	0.056	0.00	1.4
0915	0.021	0.237	0.00	1.7
0930	0.060	0.240	0.00	0.9
0945	0.059	0.113	0.00	0.7
1000	0.070	0.128	0.00	0.3
1015	0.037	0.064	0.00	0.1
1030	0.034	0.086	0.6	3.4
1045	0.53	0.171	0.1	0.4
1100	0.023	0.023	0.1	0.2
1115	0.022	0.029	0.3	2.0
1130	WAITING FOR TRUCKS			
1145	WAITING FOR TRUCKS			
1200	WAITING FOR TRUCKS			
1215	0.030	0.114	0.1	1.9
1230	0.027	0.060	0.0	0.1
1245	WAITING FOR TRUCKS			
1300	WAITING FOR TRUCKS			
1315	WAITING FOR TRUCKS			
1330	0.062	0.055	0.0	0.7
1345	0.024	0.024	0.0	0.7

slow time to reach 0100 am

rain may be collecting PID

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m3. If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID:
 Daily Background: 0.00

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID:
 Calibration Time:
 Background Reading 0.071

[Handwritten scribbles]

1200 East Main Street - City of Rochester

Community Air Monitoring Daily Log

Date: 3/23/2010

Site Representative: Jane Fisher
 Appr. Wind Direction: _____
 Weather Conditions: _____

Appr. Wind Speed: _____

Time
 On-Site: 0800
 On-Site: _____
 On-Site: _____

Off-Site: _____
 Off-Site: _____
 Off-Site: _____

Description of Daily Work Tasks:

Action Level Exceedance: None Yes: (description)

Notes:
 Readings to be taken at 15 minute intervals.

	Particulates (ug/m ³)		Volatile Organic Compounds (VOCs) (ppm)	
	Perimeter Monitoring	Work Zone Monitoring	Perimeter Monitoring	Work Zone Monitoring
0800 Time	0.014			
20.5	0810 0.039	0.012	0.00	0.1
20.6	0825 0.087	0.144	0.0	0.0
20.6	0840 0.037	0.226	0.0	0.1
20.6	0855 0.021	0.414	0.00	0.3
	0910 WAITING ON TRUCKS - BACKFILLING AREA 4			
	0925 WITH SAND.			
20.5	0940 0.007	0.164	0.0	0.1
20.9	0955 0.015	0.008	0.0	0.0
20.9	1010 0.005	0.295	0.0	
	1025 WAITING FOR TRUCKS			
	1040			
	1055			

Action Level: Downwind particulate level that exceeds the upwind particulate level by 100 ug/m³. If the action level is exceeded, the Site Representative will immediately notify the Site Safety Officer.

Meter ID:
 Daily Background: 0.014

Action Level: Downwind VOC levels exceed upwind VOC levels. If action level exceeded, the Site Representative will immediately notify the Site Safety Officer implement minor or major emission monitoring.

Meter ID: 0.0
 Calibration Time:
 Background Reading: _____



APPENDIX 10
RAW ANALYTICAL LABORATORY DATA (CD)



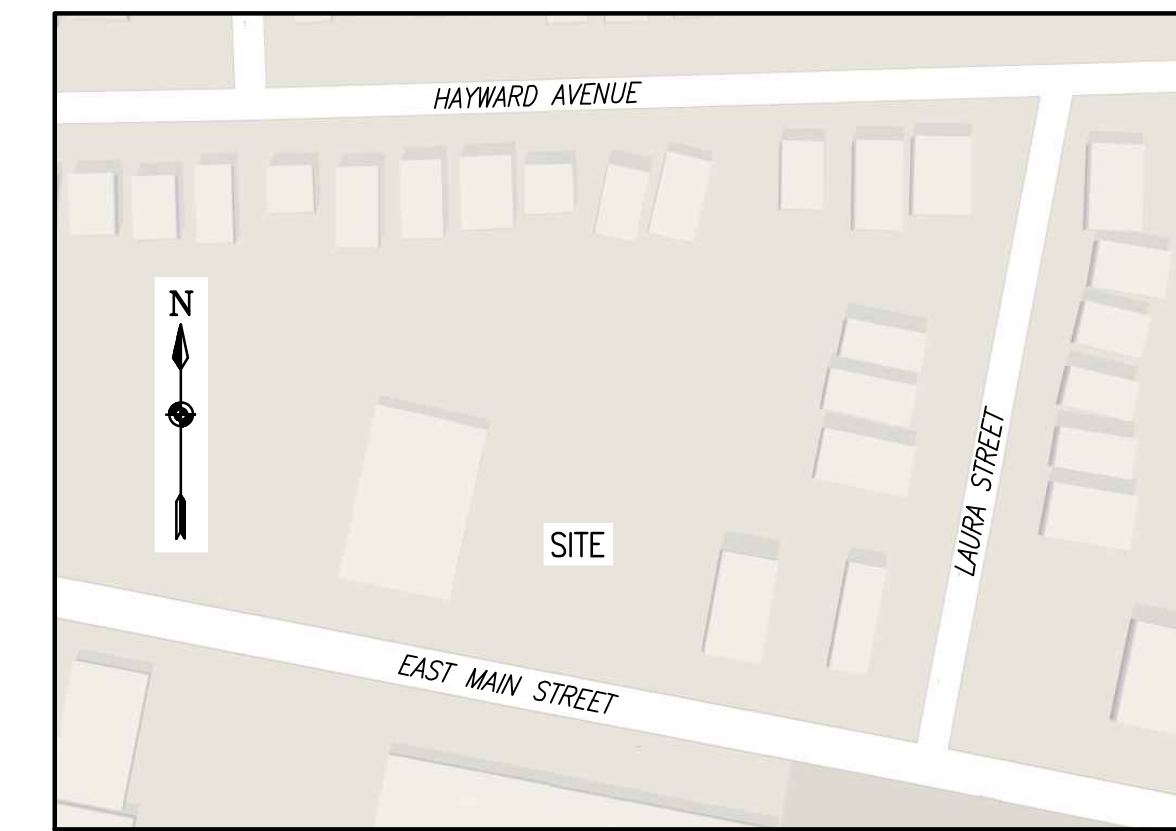
APPENDIX 11
DUSRs for ALL ENDPOINT SAMPLES (CD)



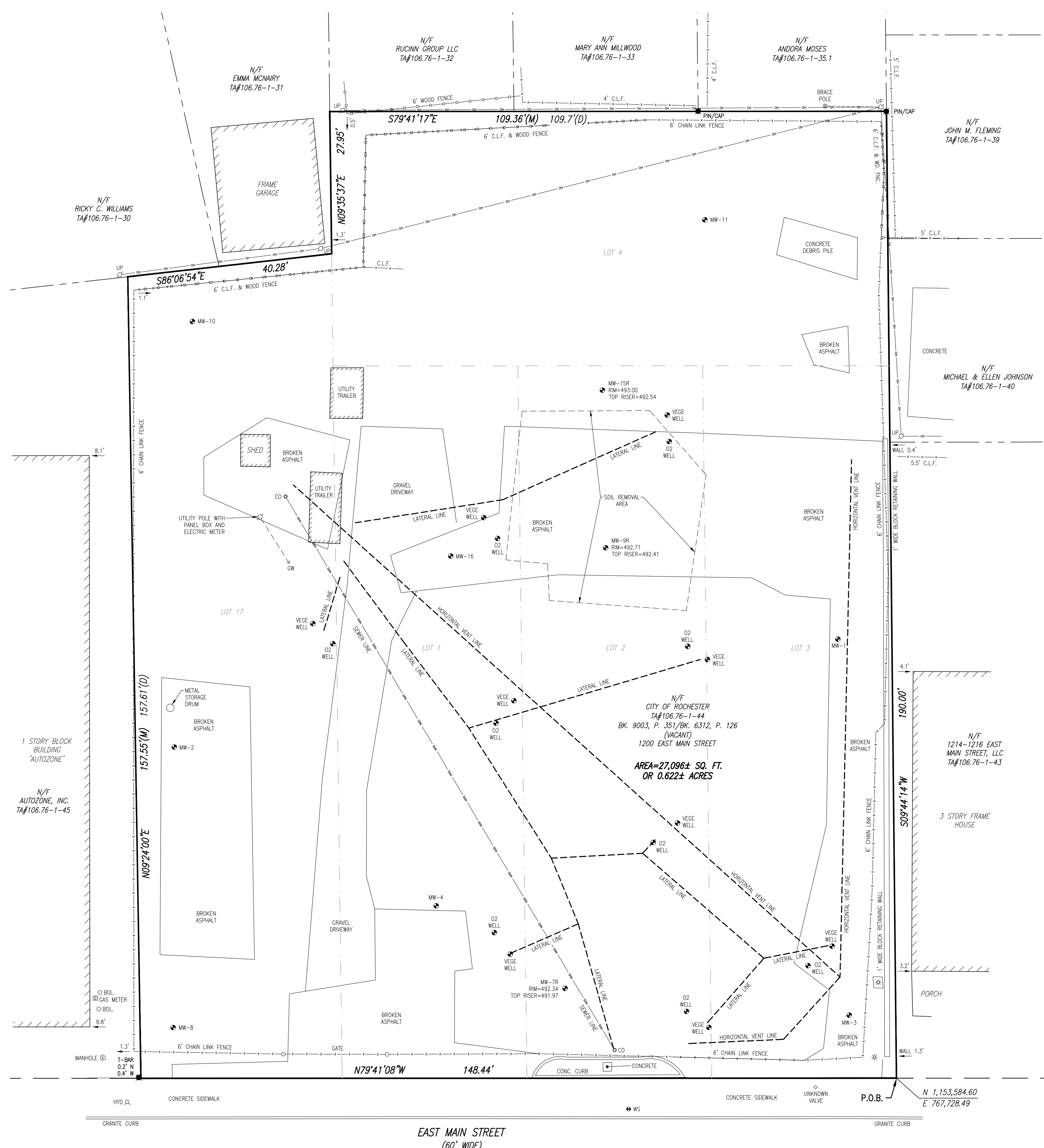
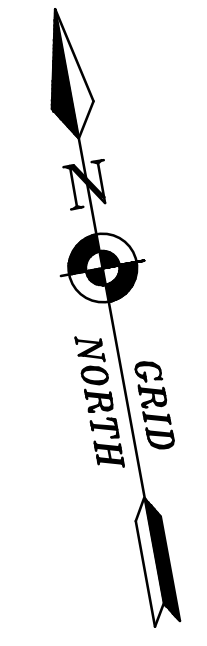
APPENDIX 12
EC AS-BUILT DRAWING

CITY OF ROCHESTER

1200 East Main St.
Rochester, NY 14609



SITE LOCATION MAP
NOT TO SCALE



LEGEND

- PIN OR REBAR FOUND
- RCS MONUMENT FOUND
- BOLLARD OR POST
- MONITORING WELL
- GAS METER
- LIGHT POLE
- UTILITY POLE
- BRACE POLE
- FIRE HYDRANT
- WATER VALVE OR SERVICE
- UNKNOWN MANHOLE
- CHAIN LINK FENCE
- WOOD FENCE
- OVERHEAD UTILITY WIRE
- PROPERTY LINE
- ADJOINING PROPERTY LINE
- EASEMENT LINE
- RIGHT OF WAY LINE
- OLD LOT LINE
- MEASURED DISTANCE
- DEED DISTANCE

REFERENCES:

- THE FOLLOWING MAPS FILED IN THE MONROE COUNTY CLERK'S OFFICE:
BOOK 6, PAGE 86
BOOK 7, PAGE 22
- THE FOLLOWING DEEDS FILED IN THE MONROE COUNTY CLERK'S OFFICE:
BOOK 9003, PAGE 351
BOOK 6312, PAGE 126
- CITY OF ROCHESTER DISTRICT 18, MAP 1.
- ABSTRACT No. 57707 PREPARED BY INDEPENDENT TITLE AGENCY, LLC, DATED JANUARY 30, 2016.

NOTES:

- HORIZONTAL DATUM IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE (NAD 27) THROUGH SURVEY CONTROL TIES TO MONUMENTS:
BEECHWOOD 1925 N=1,153,437.23 E=768,533.95
GOODMAN 1925 N=1,153,760.76 E=766,726.39
- PROPERTY MAY BE SUBJECT TO A GARAGE ENCROACHMENT AGREEMENT AND LICENSE IN LIBER 8059 OF DEEDS, PAGE 125 FOR THE PROPERTY AT TAX ACCOUNT No. 106.76-1-40. IT APPEARS THAT THE GARAGE HAS BEEN REMOVED FROM THE PROPERTY AND THIS AGREEMENT MAY NOT BE IN EFFECT ANY LONGER.

REVISIONS

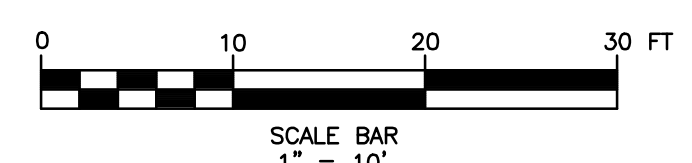
NO.	DATE	DESCRIPTION	REV.	CK'D.

FINAL AS-BUILT VEGE AND O2 SYSTEM LOCATION PLAN

NOTE:
Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

Project Manager:
S. DEMEO
Designed by:
Drawn by:
C. WOOD
Checked by:
K. SULLIVAN
Date Issued:
OCTOBER 7, 2016
Scale:
1" = 10'

Project Number:
4453.05
Drawing Number:
File Name:
I:\City of Rochester\004453.05\4.0\4.2\Carlson2015\dwg\4453.05 base.dwg



EX-1



APPENDIX 13
IMPORTED MATERIALS DOCUMENTATION



May 11, 2009

NYSDEC Region 8
6274 East Avon-Lima Road
Avon, New York 14414
Attn: Mr. Gregory B. MacLean

Re: 1200 East Main Street ERP (B00129-8)
Proposed Backfill Soil Approval

Dear Mr. MacLean:

Per discussions from our February 17, 2009 meeting, please find in the enclosed, a summary of the characteristics of the surplus soil currently stockpiled at 1315 South Plymouth Avenue, in the City of Rochester. The City respectfully requests approval to utilize material from this source as backfill, in excavations created during the petroleum contaminated soil source removal action at the 1200 East Main Street ERP Site.

The Plymouth Avenue soil was generated as a result of the removal of surplus topsoil and/ or non-engineered fill from a redevelopment project at the adjacent 910-960 Genesee Street, to meet the grading and landscaping specifications of the new construction (Figure 1). Test Pits previously excavated at five locations at the northeastern limits of the pile suggest the material characteristics are homogeneous throughout the pile. Generally, the test pits consisted of re-worked brown, silty sand to medium gravel, pebbles, and cobbles with fragments or whole bricks and clay tile, C&D materials and organics. Non-native brick, tile and miscellaneous C&D debris are attributed to co-mingling of remnants of former building foundations demolished and backfilled in 2006. Organic materials consisting of roots were also observed and are attributed to roots left in place from trees and shrubs cleared to accommodate the new construction.

Laboratory analysis results from test pits excavated in January 2009, summarized in Table 1, indicate that the sampled soils do not exhibit contaminant concentrations for Metals, VOCs, SVOCs or PCBs above NYCRR Part 375 SCOs for Commercial Use or for the Protection of Groundwater.

The City will adhere to the following sampling plan to adequately characterize materials intended for use as backfill at the 1200 East Main Street site:

1. A portion of the soil pile will be measured and taped or staked out and designated as "1200 East Main Street Re-use soil".
2. Using a rubber tired backhoe or the equivalent, ten (10) test pits will be excavated to an approximate depth of 9 feet. Soil characteristics will be observed, photographed and recorded from each test pit and representative samples will be collected and analyzed for Metals, VOCs, SVOCs or PCBs in accordance with NYCRR Part 375-6.7 (d).
3. Soil analytical results will be compared to NYCRR Part 375 SCOs for Restricted Commercial Use as well as for Protection of Groundwater.

4. Soils approved for use as backfill will be transported to 1200 East Main Street Site and placed into excavations with confirmed clean sidewall and bottom samples. Backfilled soils will be compacted using the excavator or backhoe bucket. (NOTE: Due to the limited Site space for staging materials, and the City's liability associated with open excavations, backfilling will take place immediately after receiving satisfactory laboratory analysis results for sidewall and bottom samples. The City understands that should data validation of the confirmatory samples indicate laboratory errors, re-evaluation or re-excavation may be necessary.)

The City is currently evaluating two (2) approaches for source soil excavation, transportation, disposal and backfilling at the Site:

1. Removal and off-site disposal of all on-site excavated materials, and importing all backfill materials from Plymouth Ave. (pending NYSDEC approval).
2. Field screening of assumed non-impacted on-site soils, confirmatory sampling, removal and off-site disposal of impacted soils, re-use of suitable on-site soils with the balance of backfill to come from the Plymouth Ave. borrow source after appropriate sampling.

Depending on the results of the cost/ benefit analysis of the two approaches, between 1250 and 2500 yd³ of material are anticipated to be needed for backfilling of excavations at the 1200 East Main Street Site (Figure 2). Should a lesser amount of soil be warranted for use as backfill, the number of test pits and samples at the Plymouth Ave. soil pile will be adjusted as needed.

In the interest of time, the City intends to schedule excavation of the exploratory test pits and characterization sampling work at the Plymouth Avenue site immediately upon receipt of NYSDEC approval of this request. Feel free to contact me at (585) 428-7892 or via e-mail at forbesj@cityofrochester.gov if you require additional information.

Sincerely,

Jane MH Forbes
Environmental Specialist – Remediation

cc: file

Enclosures

G:\ENVQUAL\JANE\JOBS\1200 East Main\Remediation Phase\Plymouth_Soils4-6-2009.docx

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 8

6274 East Avon-Lima Road, Avon, New York 14414-9519

Phone: (585) 226-2466 • FAX: (585) 226-8696

Website: www.dec.state.ny.us



Alexander B. Grannis
Commissioner

June 3, 2009

Ms. Jane MH Forbes
Environmental Specialist - Remediation
City of Rochester, Division of Environmental Quality
30 Church Street, Room 300B
Rochester, New York 14614-1290

Re: 1200 East Main Street ERP Site, B00129-8
Proposed Backfill Soil Approval

Dear Ms. Forbes:

This office has received your request to use surplus soil that is currently stockpiled at 1315 South Plymouth Avenue in the City of Rochester as backfill for the subject site. The request includes analytical and qualitative documentation from five test pits which suggest that the soil is homogenous and expected to meet project requirements. Ten test pits are to be excavated from an area of the stockpiled soil that will be designated for use at the subject site, comprising up to 2,500 cubic yards of soil. One soil sample will be collected from each test pit and analyzed for the full list of TCL organics and TAL inorganics. Results will be compared to the Part 375 SCOs for Commercial Use and Protection of Groundwater to determine if the material is acceptable for use as backfill on this subject site. This request is hereby approved.

If you should have any questions or I can be of further assistance, please feel free to contact me at (585) 226-5356 or via email at gmaclea@gw.dec.state.ny.us.

Sincerely,

Gregory B. MacLean, P.E.
Environmental Engineer 2

cc: B. Putzig, NYSDEC - Region 8
R. Knizek, NYSDEC - Central Office
K. Anders, NYSDOH - Troy
J. Kosmala, MCHD
J. Biondolillo, City of Rochester
G. Flisnik/E. Jones, Bergmann Associates

8⁰⁰ AM: Fri - 07/31/09

Paul willis - operator

00-5:16 7⁴⁵ AM Overcast ~ 74°F AM

LT Rain in early AM

Rain overnight

7⁵⁵ Paul willis

8²⁰ : Jane Forbes on site

8³⁰ AM: Sprinkles

Fri: 07/31/09

BTP #1: Southern most
Oriented East - West width = 3.0'

Start @ 8¹² AM 10.0' long

Gravel surface Max Depth = 7.0'

0' : Brown moist F.C SAND

an F.C Gravel

Concrete 12" to 12"

Cobbles 6" to 12"

2' : ASPHALT 18" layer

Steel electrical conduit

Red BRICKS

14 MV WEL: 0.3 ppm - 0.4 ppm
Less than BKAD = 0.5 ppm

5' : 3 FT + Lime stone Boulder

10' E-W x 3' N-W x 7 FT Deep

7' : Still in fill MOST DARK BT
RESIDUAL AND F.C gravel

SLIGHTLY DARKER color
Yellow Red Br. 4/25
BRICKS

sample BTP-1 @ 8-0'

still in Pitt 7'

Fri 07/31/09 1317 S. Plymouth
Borwick Church

Back Filled BTP-1

to BTP-2. 27' North of BTP-1

BTP-2. SGA, very sparse vegetation
cold, light sprinkles

Start BTP-2 @ 8³⁶ AM

BRICKS & Brick Fragments
Right AT surface

1' = 3FT+ piece concrete

Brown moist F.C SAND
and F.C gravel

Some cobbles up to 12"

3" concrete Saw cut - Foundation

3FT: Several pieces Asphalt
parking lot

PID = 0.4 ppm L BKGD 0.5 ppm
no odor NO staining

pieces black plastic sheeting
old poly cows

4FT: pull out large chunk
Asphalt 2' x 3' x 6" in
Piece Road Base

Orange Bricks
more Asphalt

5FT: same Brown SFGs and Boulder
Fill. Asphalt, Red cobbles 12" x

6FT: same, concrete 12" x

~ 20% Brick, concrete
Asphalt

BUILDING Debris
mixed earth

BTP-2
TD = ZO FT

Still in Fill

Slightly smaller than BTP-1

BTP = 9' E-W x 3' wide
x 7' deep

8⁵⁰ AM collected
Sample

1317 S. Plymouth
Borehole
FRI: 07/31/09

9:00 Am: Start RTP-3
27' (N) of RTP-2

RTP-3 9:00 Am Sprinkles stopped

0'-1': 2 chunks concrete 2ft x
at surface

Brown damp f.-SAND
and f.c gravel some cobbles
4" to 8" concrete

2' Same, metal wires thin rebar

3' chunks concrete 2ft x @ 3ft

4ft: ^{Gravel} Silt m: Red in start densifi
all along, no voids

PID = 0.2 ppm @ 0.4 ppm
Bkd

GFE: Same fill
some Red Bricks

NO Asphalt

Another chunk concrete
3ft x 8" thick
Triangular

FRI: 07/31/09 1317 S. Plymouth
Borehole PID

TP-3 = 8ft E-W
x 3.0ft wide N-S
x 7.0ft max depth

7ft: Silt in the
Same identical fill
no standing water

collected sample RTP-3 9:10 Am

* mix Brown earth fill
and Building Foundation
& Road debris

Concrete, Bricks Asphalt = 20'
Building & Foundation
& Road debris

RTP-4 = 27' (N) RTP-3
Start @ 9:20 Am

* RIGHT NEXT TO overhead cable TV line

Some Surface: v. sparse vegetation
Brown sand fill

BT-P-4 1317 S. Plymouth FR: 07/13/09

BT-P-4 Start @ 9:20 AM NO SPARKLES

1 FT: Asphalt pieces 6" -> 12"

Road Base
pieces orange BRICK

PID VOLS: 0.3 ppm L RKO = 0.4 ppm

3 FT: more BRICKS mixed in fill

piece clay sewer tile pipe

4 FT: Asphalt pieces: random parking lot

5 FT: 5 1/2" Asphalt pieces

of cobble 4" -> 6" ROB
cobble

6 FT: BRICKS in fill

1 small piece of glass

7 FT: same fill with BRICKS

8 FT: Asphalt, flat lying pieces

may mark bottom
of fill @ ~ 8 FT

BT-P-4 FR: 07/13/09
1317 S. Plymouth

collected sample BT-P-4
@ 9:30 AM

Fill: Append to end @ 8.0 FT

NO OARS, NO VOLS, NO STAINING
NO wood or lumber!

BT-P-4 = TP = 8.0'

7' E-W X
3' wide N-S X

8 FT DEEP
to BT-P-3

BT-P-3 = 27' (N) BT-P-4

Start BT-P-2 @ 9:35 AM

Same surface, NO SPARKLES

0'-1': Again Asphalt chunk

pavement - parking lot
at surface 3 FT + size

2' red BRICKS in the fill
mixed in same row as fill

1317 South Plymouth FR: 07/13/09

BTP-5

5 FT. Same FILL

NO concrete yet this pit,

Just Asphalt & BRICKS in

The Brown Sides Earth fill

VOCs = 0.3 ppm, BLEAD = 0.4 ppm

NO GAS

8" in fill, with clumps

of what appears to be

TILL: "Bricks"

5'15" - sand & gravel mixed

with little ASPHALT FRAGMENTS

8 FT. * DIFFERENT, Dark emulsion

5'15" of Gravel.

7'1" mus ss Gravel Road base

3'2" E-W x

3' N-S wide x

8 FT Deep.

Original Surface @ 8 FT

Black Ground Stone

5'15" Collected BTP-2 @ 9:50 Am

VOCs on PID = 0.3 ppm < BLEAD 0.4 ppm

TO BTP-6 FR: 07/13/09 S. Plymouth

NORTHERN MOST TEST P.T

5' SOUTH OF North curbing face

BTP-6 started @ 10:10 pm

NO Rain

Dri en sed 90°

Dug N-S test P.T

NO vegetative cover

BRICKS & GR AT SURFACE

1 FT Orange BRICKS

2 FT: CONCRETE - PROBABLY BRICKS

3 FT: ASPHALT Fragments

4 FT: Black sewer pipe fragments

* VOCs = 0.2 ppm < 0.3 ppm BLEAD

5 FT: Same fill, Orange BRICKS

smaller cobbles

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BRICKS in mixed with SAND & ASPHALT FRAGMENTS

BTP-6

FR: 07/31/09
1317 S, Plymouth

FD = 6.0 FT

Slightly Below grade of
Road Base

Same FILL

DID NOT encounter

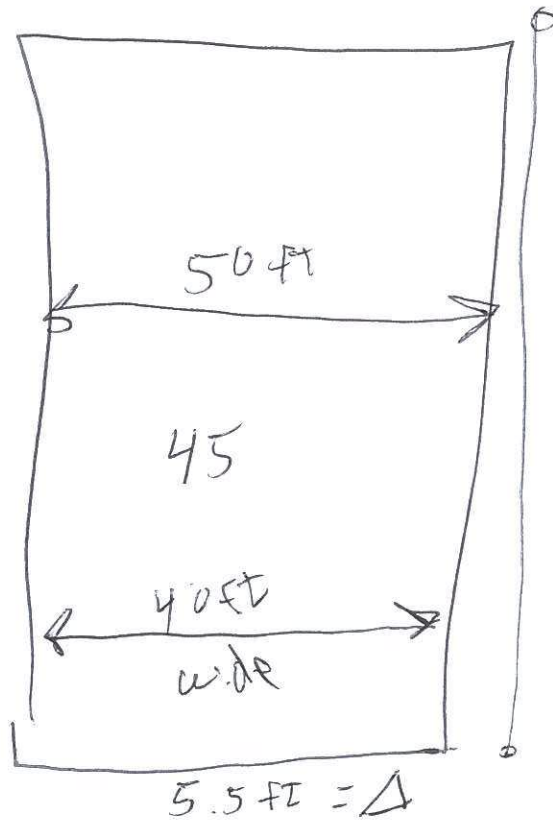
Native Soil

or underlying Road Base

Sampled @ 10²⁰ AM

40,500 ft³ =
1500 yd³

250 yd³ =
~~6,000 ft³~~
6,750 ft³



5 FT
FACE

Call

45 FT
Average width
5.5 FT
Depth
x 164 FT
Length

TEST PIT

27 ft

BTP-1, BTP-2, 27 ft

BTP-3, BTP-4

BTP-5, BTP-6

BY EJJ

DATE Thurs 7/30/09



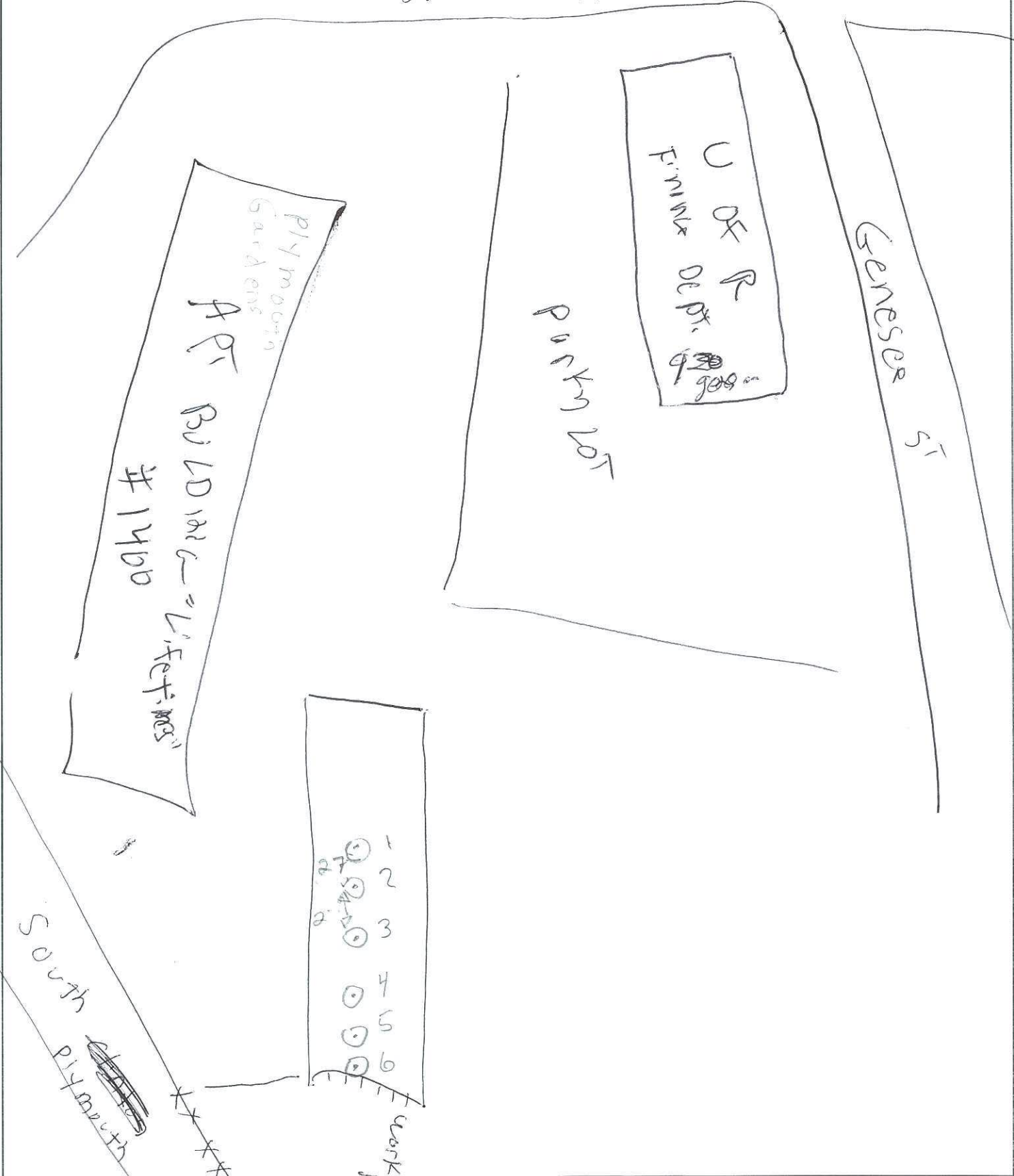
PROJ. NO. 1315 S. Plymouth SHT OF

CKD

DATE

PROJ. NAME 445 3.04

BROOKS AL0



our people and our passion in every project

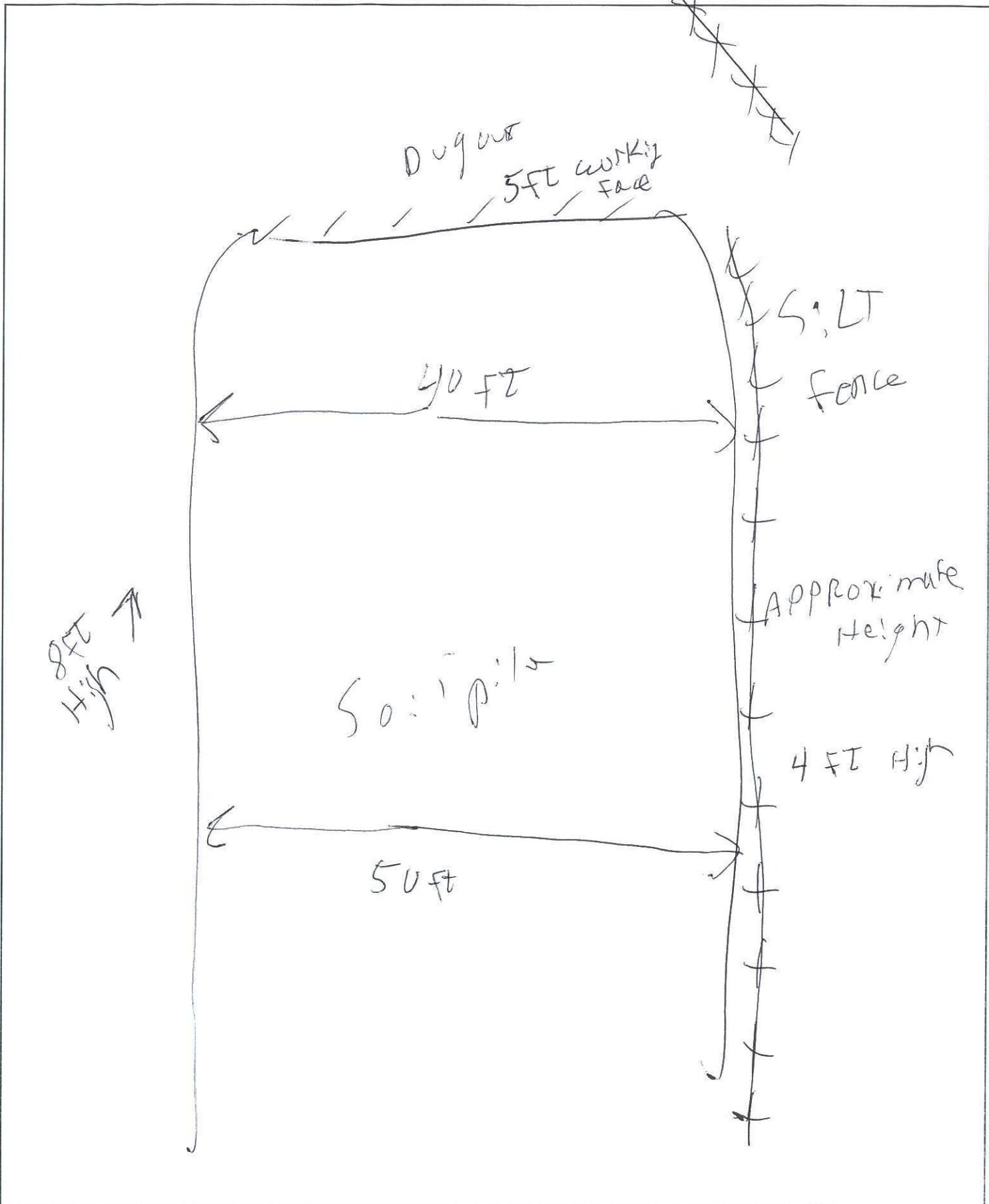
www.bergmannpc.com

Page 12 of 120

BY EJJ DATE 07/30/09
CKD _____ DATE _____



PROJ. NO. 4453.04 SHT _____ OF _____
PROJ. NAME 1315 S. Plymouth



our people and our passion in every project

www.bergmannpc.com

Page 13 of 120



CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

COMPANY: <i>Paradigm Environmental</i>	COMPANY: <i>Same</i>	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: <i>18155 Plymouth Boulevard</i>	ADDRESS: <i>Same</i>	TURNAROUND TIME: (WORKING DAYS)	
CITY: <i>Wheatfield</i>	CITY: <i>Same</i>	1 <input type="checkbox"/>	2 <input type="checkbox"/>
STATE: <i>NY</i>	STATE: <i>NY</i>	3 <input type="checkbox"/>	5 <input type="checkbox"/>
ZIP: <i>14649</i>	ZIP: <i>14649</i>	OTHER	
PHONE: <i>585-647-2530</i>	PHONE: <i>585-647-2530</i>	STANDARD	
FAX: <i>585-647-3311</i>	FAX: <i>585-647-3311</i>	QUOTATION #	

PROJECT NAME/SITE NAME: *18155 Plymouth Boulevard*
Wheatfield NY

ATTN: *Paradigm Environmental*
COMMENTS: *As per phone m. 10/29/09 As per invoice #*

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	TCL VOCs	SOLVENTS	TCL METALS	PCB	OTHER ANALYTES	TCL Pesticides	REMARKS	PARADIGM LAB SAMPLE NUMBER
10/29/09	8:30	X		ITE 4 - <i>Asphalt</i>	Soil	2	X	X	X	X	X	X	<i>Asphalt</i>	
10/29/09	8:30	X		ITE 2 - <i>Asphalt</i>	Soil	2	X	X	X	X	X	X		
10/29/09	9:10	X		ITE 3 - <i>Asphalt</i>	Soil	2	X	X	X	X	X	X		
10/29/09	9:30	X		ITE 4 - <i>Asphalt</i>	Soil	2	X	X	X	X	X	X		
10/29/09	9:50	X		ITE 5 - <i>Asphalt</i>	Soil	2	X	X	X	X	X	X		
10/29/09	10:20	X		ITE 6 - <i>Asphalt</i>	Soil	2	X	X	X	X	X	X		
10/29/09														
10/29/09														
10/29/09														
10/29/09														

Sample Condition: *Per NELAC/ELAP 210/241/242/243/244*

Receipt Parameter: *NELAC Compliance*

Container Type: Y N

Preservation: Y N

Holding Time: Y N

Temperature: Y N

Sampled By: *Edward Jones* Date/Time: *07/31/09 11:15*

Relinquished By: *Edward Jones* Date/Time: *7/31/09 11:15*

Received By: *Edward Jones* Date/Time: *7/31/09 11:15*

Received @ Lab By: *Edward Jones* Date/Time: *7/31/09 11:15*

Total Cost:

P.L.F.



CHAIN OF CUSTODY

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

REPORT TO:		INVOICE TO:	
COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		TURNAROUND TIME: (WORKING DAYS)	
CITY:	STATE: ZIP:	CITY:	STATE: ZIP:
PHONE:	FAX:	PHONE:	FAX:
ATTN:		ATTN:	
COMMENTS:	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> OTHER Quotation #		

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINANTS	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1/21/09	8:30	X					TCL Pesticides		
2/1/09	9:10	X					Ed Jones		
3/1/09	9:30	X					Author: 24700		
4/1/09	9:50	X					08/03/09		
5/1/09	10:00	X					XXXXXX		
6/1/09	10:10	X							
7/1/09									
8/1/09									
9/1/09									
10/1/09									

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter: NELAC Compliance

Comments:	Container Type:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	Holding Time:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>

Sampled By:	Date/Time:	11/15
Relinquished By:	Date/Time:	11/15
Received By:	Date/Time:	11/15
Received @ Lab By:	Date/Time:	

Total Cost:

P.I.F.



City of Rochester

Office of the Commissioner
Department of Environmental Services
City Hall Room 300B, 30 Church Street
Rochester, New York 14614-1290
www.cityofrochester.gov



Division of
Environmental Quality

September 8, 2009

NYSDEC Region 8
6274 East Avon-Lima Road
Avon, New York 14414
Attn: Mr. Greg MacLean, PE

Re: 1200 East Main Street ERP Site, B00129-8
1315 South Plymouth Avenue Soil Borrow Pile Analytical Results

Dear Mr. MacLean:

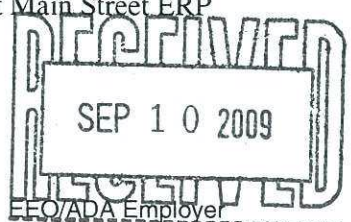
Please find in the enclosed data package, the results of the soil Test Pit characterization sampling which took place at the 1315 South Plymouth Avenue Site on July 31, 2009. Characterization sampling was performed in accordance with the approved plan dated May 11, 2009.

Six (6) Test Pits (1 test pit per 250 yd³) were excavated from the staged soil. Soils were visually inspected for evidence of suspect contamination (ie. staining or odors), a soil profile was developed, and one composite soil sample was collected from each test pit for field headspace analysis. Soils were generally characterized as brown, fine to coarse sand and gravel with varying amounts of organic matter, cobbles, concrete, brick, clay pipe and asphalt fragments. The fragments encountered ranged in size from 6 inches to several feet in diameter and could be easily separated from backfill material to be exported off-site. No obvious indications of petroleum or other chemical contamination such as staining or odors were observed. Field headspace readings were recorded using a HNu DL 101 Photoionization detector (PID) equipped with a 10.2 ev lamp. Soil headspace concentrations from the test pits ranged from 0.2 to 0.4 parts per million (ppm). Copies of the Test Pit Logs are included with this data package as well as a Photographic Log and Test Pit Location Map.

One sample from each test pit was submitted to Paradigm Environmental Services, Inc. (ELAP Number 10958) for ASP Category B analysis for Metals, VOCs, SVOCs and Pesticides/ PCBs in accordance with NYCRR Part 375-6.7 (d). Soil analytical results were compared to NYCRR Part 375 Soil Clean-up Objectives (SCOs) for Restricted Commercial Use and for the Protection of Groundwater. In addition, total cPAH concentrations were compared to the Record of decision (ROD) referenced site-specific clean-up goal of < 5 parts per million (ppm).

Laboratory analysis results are illustrated in Tables 1 through 4 of this data package. Laboratory results from all test pits indicate that contaminant concentrations for all parameters are below both NYCRR Part 375 SCOs for Restricted Commercial Use and for the Protection of Groundwater. Total cPAH concentrations from the test pits ranged from 1.49 to 4.92 ppm, less than the site-specific clean-up goal of < 5 parts per million (ppm) total cPAHs.

Based on field observations recorded during test pit excavation and on the laboratory analysis results, soils from the 1315 South Plymouth Avenue borrow pile have met the New York State Department of Environmental Conservation (NYSDEC) criteria for re-use as backfill at the 1200 East Main Street ERP Site.



The City has previously incorporated the NYSDEC's comments into the Revised Corrective Action Work Plans. However, to date, no comments have been received from the New York State Department of Health representative. The City also awaits the issuance of the NYSDEC's Environmental Cleanup Fact Sheet before beginning the cleanup work at the 1200 East Main Street Site.

In the interest of facilitating the Site cleanup, the City respectfully requests approval from the NYSDEC to use the Plymouth Avenue soils as backfill, to issue the Final Corrective Action Work Plan documents and to proceed with scheduling specific, non-intrusive Site Preparation Activities including:

- Submission of laboratory data to a third party independent reviewer for Data Usability analysis;
- Installation of the Site perimeter fence;
- Installation of necessary signage;
- Stockpiling of approximately 150 yd³ of backfill material to be placed in proposed Excavations 1A and 1B once Site Cleanup commences.

Once the Fact Sheet has been issued, the City will commence with implementation of the approved Corrective Action Plan. The City is anxious to begin Site Cleanup. Please feel free to contact me at (585) 428-7892 or via e-mail at forbesj@cityofrochester.gov if you have any questions or if the City can provide any assistance. Thank you.

Sincerely,



Jane MH Forbes
Environmental Specialist

Cc: B. Putzig, NYSDEC
J. Biodollilo, City – DEQ
E. Jones, Bergmann
File

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SUMMARY TABLE 1
1315 South Plymouth Avenue, Rochester, NY Borrow Pile
Soil Samples Laboratory Analytical Results
Volatile Organic Compounds

VOC COMPOUNDS <i>8260 TCL List or</i> NYSDEC STARS 8021 Petroleum VOCs µg/kg (PPB)	NYSDEC Part 375 Restricted Use- Commercial SCOs listed in PPB	NYSDEC Part 375 Protection of GW SCOs listed in PPB	Soil Sample BTP-1 7/31/2009 (µg/kg)	Soil Sample BTP-2 7/31/2009 (µg/kg)	Soil Sample BTP-3 7/31/2009 (µg/kg)	Soil Sample BTP-4 7/31/2009 (µg/kg)	Soil Sample BTP-5 7/31/2009 (µg/kg)	Soil Sample BTP-6 7/31/2009 (µg/kg)
Acetone	500,000	50	ND	ND	ND	ND	ND	ND
Benzene	44,000	60	ND	ND	ND	ND	ND	ND
Bromochloromethane	none	none	ND	ND	ND	ND	ND	ND
Bromodichloromethane	none	none	ND	ND	ND	ND	ND	ND
Bromoform	none	none	ND	ND	ND	ND	ND	ND
Bromomethane	none	none	ND	ND	ND	ND	ND	ND
2-Butanone	500,000	120	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	22,000	760	ND	ND	ND	ND	ND	ND
Carbon Disulfide	none	none	ND	ND	ND	ND	ND	ND
Chloromethane	none	none	ND	ND	ND	ND	ND	ND
Chlorobenzene	500,000	1,100	ND	ND	ND	ND	ND	ND
Chloroethane	none	none	ND	ND	ND	ND	ND	ND
Chloroform	350,000	370	ND	ND	ND	ND	ND	ND
Cyclohexane	none	none	ND	ND	ND	ND	ND	ND
Dibromochloromethane	none	none	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	none	none	ND	ND	ND	ND	ND	ND
1,2-Dibromomethane	none	none	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	500,000	11,000	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	280,000	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	130,000	1,800	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	none	none	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	240,000	270	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	30,000	20	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	500,000	330	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	500,000	250	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	500,000	190	ND	ND	ND	ND	ND	ND

NA = Not Applicable. This compound not included in the analysis on this sample

ND = Not Detected

None = Not Applicable. No cleanup value for this compound

TAGM 4046 = NYSDEC TAGM 4046 Recommended Cleanup Levels Values

SCOs = NYSDEC Part 375 Soil Cleanup Objectives, Unrestricted and Restricted - Residential Values

SUMMARY TABLE 1
1315 South Plymouth Avenue, Rochester, NY Borrow Pile
Soil Samples Laboratory Analytical Results
Volatile Organic Compounds

VOC COMPOUNDS 8260 TCL List or NYSDEC STARS 8021 Petroleum VOCs µg/Kg (PPB)	NYSDEC Part 375 Restricted Use- Commercial SCOs listed in PPB	NYSDEC Part 375 Protection of GW SCOs listed in PPB	Soil Sample BTP-1 7/31/2009 (µg/kg)	Soil Sample BTP-2 7/31/2009 (µg/kg)	Soil Sample BTP-3 7/31/2009 (µg/kg)	Soil Sample BTP-4 7/31/2009 (µg/kg)	Soil Sample BTP-5 7/31/2009 (µg/kg)	Soil Sample BTP-6 7/31/2009 (µg/kg)
1,2-Dichloropropane	none	none	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloropropene	none	none	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	none	none	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloropropene	none	none	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	none	none	ND	ND	ND	ND	ND	ND
Ethylbenzene	390,000	1,000	ND	ND	9.16	ND	ND	ND
2-Hexanone	none	none	ND	ND	28.3	ND	26.4	ND
Isopropylbenzene	none	none	29.5	25.0	8.29	31.5	26.4	34.9
Methyl acetate	none	50	ND	ND	ND	ND	ND	ND
Methylene Chloride	500,000	930	ND	ND	ND	ND	ND	ND
MTBE	500,000	none	ND	ND	ND	ND	ND	ND
Methylcyclohexane	none	none	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	none	680	ND	ND	ND	ND	ND	ND
n-Propylbenzene	500,000	none	ND	ND	ND	ND	ND	ND
Styrene	none	none	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	none	1,300	ND	ND	ND	ND	ND	ND
Tetrachloroethene	150,000	680	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	500,000	none	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	none	470	ND	ND	ND	ND	ND	ND
Trichloroethene	200,000	700	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	none	none	ND	ND	ND	ND	ND	ND
Toluene	500,000	none	ND	ND	ND	ND	ND	ND
Feon 113	none	none	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	none	20	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	none	1,600	ND	ND	ND	ND	ND	ND
Vinyl chloride	13,000	1,600	ND	ND	ND	ND	ND	ND
m,p-Xylene	500,000	1,600	ND	ND	ND	ND	ND	ND
o-Xylene	500,000	1,600	ND	ND	ND	ND	ND	ND
Total VOCs	none	29.5	25	45.75	31.5	26.4	34.9	

NA = Not Applicable. This compound not included in the analysis on this sample

ND = Not Detected

None = Not Applicable. No cleanup value for this compound

SCOs = NYSDEC Part 375 Soil Cleanup Objectives. Unrestricted and Restricted - Residential Values
 ND = Detection limits elevated due to presence of other petroleum compounds

SUMMARY TABLE 2
1315 South Plymouth Avenue, Roches
Soil Samples Laboratory Analytical R
Semi Volatile Organic Compounds (E)
Only analytes detected are listed: All Detected

NYSDEC STARS	NYSDEC	Soil Sample	Soil Sample	Soil Sample	Soil Sample	Soil Sample	Soil Sample
List of SVOCs	Part 375	BTP-1	BTP-2	BTP-3	BTP-4	BTP-5	BTP-6
(µG/KG (PPB))	Restricted Use-	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
Method 8270	Commercial SCOS	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)	(µg/kg)
Acenaphthene	500,000	ND	ND	ND	ND	ND	ND
Acenaphthylene	500,000	ND	ND	ND	ND	ND	ND
Anthracene	500,000	ND	331	ND	290	436	204
Benzof(a)anthracene *	5,600	419	816	261	629	890	581
Benzof(a)pyrene *	1,000	397	775	268	602	873	582
Benzof(b)fluoranthene *	5,600	452	684	276	579	835	587
Benzof(g,h,i)perylene	500,000	298	517	232	386	604	440
Benzof(k)fluoranthene *	56,000	357	677	216	453	671	431
Chrysene *	56,000	417	822	280	605	867	578
Butylbenzylphthalate	none	ND	237	ND	ND	ND	ND
Dibenz(a,h)anthracene *	560	ND	176	ND	ND	220	ND
Fluoranthene	500,000	910	1,710	540	1,420	2,280	1,220
Fluorene	500,000	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene *	5,600	266	485	194	371	571	412
Naphthalene	500,000	ND	ND	ND	ND	ND	ND
Phenanthrene	500,000	539	1,400	219	905	1,600	685
Pyrene	500,000	736	1,440	445	1,150	1,700	1,000
Total cPAH in PPM	NA	2,308 ppm*	4,435 ppm*	1,495 ppm*	3,239 ppm*	4,927 ppm*	3,171 ppm*
Total SVOCs	NA	4,791	10,070	2,931	7,390	11,547	6,720

NA = Not Applicable. This compound not included in the ana
 ND = Not Detected
 ND Detection limits elevated due to presence of other petro
 None = Not Applicable, No cleanup value for this compound
 cPAHs = total sum of carcinogen petroleum Polynuclear Aro
 * = Compound included in the total cPAH value
 The site-specific cleanup level for cPAHs has been establish
 SCOS = NYSDEC Part 375 Soil Cleanup Objectives, Unresidential Values

SUMMARY TABLE 3
1315 South Plymouth Avenue, Rochester, NY Borrow Pile
Soil Samples Laboratory Analytical Results
RCRA Heavy Metals and PCBs

Heavy Metal MG/KG (PPM)	NYSDEC Part 375 Restricted Use- Commercial Soil Cleanup Objectives (mg/kg)	NYSDEC Part 375 Protection of Groundwater SCOs Cleanup Objectives (mg/kg)	Soil Sample BTP-1 7/31/2009 (mg/kg)	Soil Sample BTP-2 7/31/2009 (mg/kg)	Soil Sample BTP-3 7/31/2009 (mg/kg)	Soil Sample BTP-4 7/31/2009 (mg/kg)	Soil Sample BTP-5 7/31/2009 (mg/kg)	Soil Sample BTP-6 7/31/2009 (mg/kg)
Aluminum	none	none	5,840	6,140	6,370	5,900	6,510	7,550
Antimony	none	none	ND	ND	ND	ND	ND	ND
Arsenic	16	16	3.43	4	8.26	3.34	4.79	4.33
Barium	400	820	42	40	63.6	37	52.4	43.9
Beryllium	590	47	ND	ND	ND	ND	ND	ND
Cadmium	9.3	7.5	0.62	ND	ND	0.449	0.523	ND
Calcium	none	none	59,900	26,200	21,400	72,300	29,400	29,300
Chromium	400	19	8.51	8.8	11.2	8.42	9.49	10.5
Cobalt	none	none	3.72	4.9	4.84	3.74	4.68	5.19
Copper	270	1720	12	13.3	24.2	16	19.7	15.4
Iron	none	none	10,200	12,200	14,100	10,700	12,800	13,600
Lead*	1,000	450	26.40	23.7	89.9	25.1	110	26.1
Magnesium	none	none	18,500	10,800	6,930	28,200	8,910	9,290
Manganese	10000	2000	315	354	263	336	341	287
Mercury	2.8	0.73	0.06	0.0499	0.13	0.0518	0.0792	0.0673
Nickel	310	130	7.22	8.74	10.1	6.29	9.56	11.8
Potassium	none	none	1,160	1,110	1,000	1,220	1,050	1,260
Selenium	1500	4	1.42	1.12	ND	ND	2.32	ND
Silver	1500	8.3	ND	ND	ND	ND	ND	ND
Sodium	none	none	397	476	172	338	353	263
Thallium	none	none	ND	ND	ND	ND	ND	ND
Vanadium	none	none	15.70	16.6	17.5	16.6	17.1	18.1
Zinc	10000	2480	127	54.5	118	67.8	136	72
PCBs, subsurface MG/KG (PPM)	1	3.2	ND	ND	ND	ND	ND	ND

Legend

Results = milligrams per kilogram (mg/kg) = ppm

ND = Not Detected, None = no Cleanup Objective for this compound

SB = Site Background

HEAST = Health Effects Summary Tables, per USEPA

* Background levels for lead vary widely. Average background levels in metropolitan

or suburban areas or near highways are much higher and typically range from 200 -500 ppm.

Average levels in undeveloped rural areas may range from 4 - 61 ppm.

Lead background value assumed to be 500 ppm

SUMMARY TABLE 4
1315 South Plymouth Avenue, Rochester, NY Borrow Pile
Soil Samples Laboratory Analytical Results
Pesticides and Herbicides

Soil Sample number, sample location and soil sample interval

Compound	NYSDEC Part 375 Soil Cleanup Objective Restricted-Commercial SCOS ppm and ppb listed	NYSDEC Part 375 Soil Cleanup Objective Protection of GW SCOS ppm and ppb listed	Soil Sample					
			BTP-1 7/31/2009 ppb (µg/kg)	BTP-2 7/31/2009 ppb (µg/kg)	BTP-3 7/31/2009 ppb (µg/kg)	BTP-4 7/31/2009 ppb (µg/kg)	BTP-5 7/31/2009 ppb (µg/kg)	BTP-6 7/31/2009 ppb (µg/kg)
Pesticides								
Aldrin	0.68 ppm (680 ppb)	0.19 ppm (190 ppb)	ND	ND	ND	ND	ND	ND
alpha-BHC	3.4 ppm (3,400 ppb)	0.02 ppm (20 ppb)	ND	ND	ND	ND	ND	ND
beta-BHC	3 ppm (3000 ppb)	0.09 ppm (90 ppb)	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	none	none	ND	ND	ND	ND	ND	ND
delta-BHC	500 ppm (500,000 ppb)	0.25 ppm (250 ppb)	ND	ND	ND	ND	ND	ND
Chlordane (alpha)	24 ppm (24,000 ppb)	2.9 ppm (2900 ppb)	ND	ND	ND	ND	ND	ND
gamma-Chlordane	none	none	ND	ND	ND	ND	ND	ND
4,4'-DDD	92 ppm (92,000 ppb)	14 ppm (14,000 ppb)	ND	ND	ND	ND	ND	ND
4,4'-DDE	62 ppm (62,000 ppb)	17 ppm (17,000 ppb)	ND	ND	ND	ND	ND	ND
4,4'-DDT	47 ppm (47,000 ppb)	136 ppm (136,000 ppb)	ND	ND	3.5	ND	7.23	ND
Dieldrin	1.4 ppm (1,400 ppb)	0.1 ppm (100 ppb)	ND	ND	ND	ND	ND	ND
Endosulfan I	200 ppm (200,000 ppb)	102 ppm (102,000 ppb)	ND	ND	ND	ND	ND	ND
Endosulfan II	200 ppm (200,000 ppb)	102 ppm (102,000 ppb)	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	200 ppm (200,000 ppb)	1000 ppm (1,000,000 ppb)	ND	ND	ND	ND	ND	ND
Endrin	89 ppm (89,000 ppb)	0.06 ppm (60 ppb)	ND	ND	ND	ND	ND	ND
Endrin aldehyde	none	none	ND	73.2	ND	ND	ND	ND
Heptachlor	15 ppm (15,000 ppb)	0.38 ppm (380 ppb)	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	none	none	ND	ND	ND	ND	ND	ND
Methoxychlor*	none	none	ND	ND	ND	ND	ND	ND
Toxaphene*	none	none	ND	ND	ND	ND	ND	ND
Herbicides								
2,4-D	none	none	--	--	--	--	--	--
Dicamba	none	none	--	--	--	--	--	--
Dinoseb	none	none	--	--	--	--	--	--
2,4,5-TP (Silvex)	500 ppm (500,000 ppb)	3.8 ppm (3800 ppb)	--	--	--	--	--	--
2,3,5-T	none	none	--	--	--	--	--	--

NA = Not Applicable, not included for this sample

-- = not evaluated

Values expressed as ug/kg = ppb unless otherwise noted ND = Not Detected

Bold = Values detected above applicable NYSDEC Recommended Cleanup Objective



City of Rochester
 1200 East Main Street ERP
 Cleanup B00129-8
 1315 S. Plymouth Avenue Soil

Soil previously removed from Site



Photo 1: Plymouth Soil Pile, Test Pit Locations.

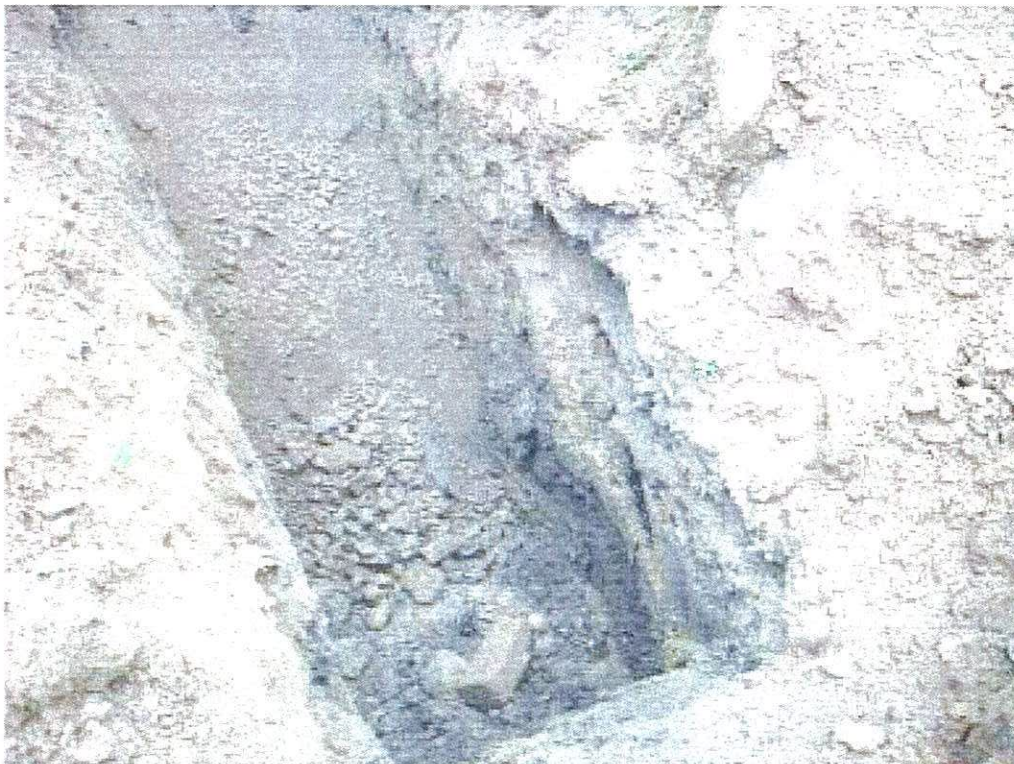


Photo 2: Interior Test Pit.



Photo 3: Asphalt Fragments.



Photo 4: Brick and Concrete Fragments.

TEST PIT LOG



TEST PIT NUMBER: BTP-1

PROJECT: 1315 South Plymouth Borrow Pile PROJECT #: 4453.04 PAGE 1 of 6

SITE DESCRIPTION: Staged pile of soil at 1315 South Plymouth Avenue, proposed borrow pile for 1200 East Main St.

START DATE: 07/31/09 COMPLETED: 08/31/09 CONTRACTOR: TREC Environmental, Paul Willy
8:00 AM

INSPECTOR Edward Jones, Bergmann Associates EXCAVATION EQUIPMENT: Komatsu PC 35 MR
Track Mounted Excavator

TEST PIT LOCATION: Test Pit #1, southern most test pit at the staged pile at 1315 South Plymouth Ave.

TEST PIT SIZE: 10 feet long, 3 ft wide by 7.0 feet deep. MONITORING EQUIPMENT: H Nu DL 101 Photo Ionization
Detector, 10.6 ev lamp

WEATHER: Overcast, light rain early in morning, 74 ° F Background = 0.5 ppm

GROUNDWATER ENCOUNTERED: Not encountered BEDROCK ENCOUNTERED: Not Encountered

SAMPLES COLLECTED FOR TESTING: Samples from each test pit - see Chain of Custody.

DEPTH BELOW GROUND SURFACE	DESCRIPTION OF SOIL ENCOUNTERED	FIELD SCREENING	COMMENTS
1.0 feet	Moist brown fine to coarse SAND and F-C Gravel at surface.	PID measurements of VOCs in pit: 0.3 ppm to 0.4 ppm less than bkgd Bkgd = 0.5 ppm	no odors
2.0 feet	Concrete fragments up to 12 inches encountered.		
3.0 feet	Cobbles 6 inches to 12 inches encountered.		
4.0 feet	At 2 ft: Encountered asphalt-road or parking lot pieces, 12 inches and larger in size. Red bricks also encountered.		
5.0 feet	At 5 feet: large limestone boulder, 3 feet in size in fill.	No VOCs above background	no odors
6.0 feet	No odors, no staining, no measurable VOCs in the test pit.		
7.0 feet	At 7 ft: slightly darker color, a few red bricks encountered.	No VOCs above background.	no odors
8.0 feet	Moist Brown F-C SAND and F-C Gravel, some cobbles & bricks		
9.0 feet	Bottom of test pit 7.0 feet		
10.0 feet	Test pit terminated at 7.0 feet below grade.		
11.0 feet	Still in Fill at 7.0 feet		
12.0 feet	Collected composite soil sample BTP-1 from spoil pile of material excavated from test pit BTP-1		
13.0 feet			
14.0 feet			
15.0 feet	Test pit backfilled with spoil after observation and sampling.		

TEST PIT LOG



TEST PIT NUMBER: BTP-2

PROJECT: 1315 South Plymouth Borrow Pile PROJECT #: 4453.04 PAGE 2 of 6

SITE DESCRIPTION: Staged pile of soil at 1315 South Plymouth Avenue, proposed borrow pile for 1200 East Main St.

START DATE: 07/31/09 COMPLETED: 07/31/09 CONTRACTOR: TREC Environmental, Paul Willy
8:36 AM

INSPECTOR Edward Jones, Bergmann Associates EXCAVATION EQUIPMENT: Komatsu PC 35 MR
Track Mounted Excavator

TEST PIT LOCATION: 2nd test pit, placed north of test pit BTP-1.

TEST PIT SIZE: 9 feet long, 3 ft wide by 7.0 feet deep. MONITORING EQUIPMENT: H Nu DL 101 Photo Ionization
Detector, 10.6 ev lamp

WEATHER: Overcast, light rain early in morning, 74 ° F Background = 0.5 ppm

GROUNDWATER ENCOUNTERED: Not encountered BEDROCK ENCOUNTERED: Not Encountered

SAMPLES COLLECTED FOR TESTING: Samples from each test pit - see Chain of Custody.

DEPTH BELOW GROUND SURFACE	DESCRIPTION OF SOIL ENCOUNTERED	FIELD SCREENING	COMMENTS
1.0 feet	Very sparse vegetative cover, Sand and gravel. Brick and brick fragments in the fill at ground surface, exposed.	PID measurements of VOCs in pit: 0.4 ppm less than bkgd Bkgd = 0.5 ppm	no odors
2.0 feet	At 1 ft, piece of concrete 3 ft in size, mixed with moist brown fine-coarse SAND and Fine-coarse Gravel		
3.0 feet	Cobbles up to 12 inches in size. at 3 ft: several pieces of asphalt-former parking lot encountered.		
4.0 feet	At 4 ft: plastic poly sheeting, former cover. Large piece of asphalt, 2 feet by 3.5 feet in size, 6 inches thick.	No VOCs above background	no odors
5.0 feet	Fragment of road base, Encounter orange bricks and additional asphalt and concrete.		
6.0 feet	Estimate fill is 20 % brick, concrete and asphalt mixed with re-worked earth type fill.	No VOCs above background.	no odors
7.0 feet	Still in Fill at 7.0 feet Bottom of test pit 7.0 feet		
8.0 feet	Test pit terminated at 7.0 feet below grade.		
9.0 feet			
10.0 feet	Collected composite soil sample BTP-2 from spoil pile of material excavated from test pit BTP-2		
11.0 feet	Test pit backfilled with spoil after observation and sampling.		
12.0 feet			
13.0 feet			
14.0 feet			
15.0 feet			

TEST PIT LOG



TEST PIT NUMBER: BTP-3

PROJECT: 1315 South Plymouth Borrow Pile PROJECT #: 4453.04 PAGE 3 of 6

SITE DESCRIPTION: Staged pile of soil at 1315 South Plymouth Avenue, proposed borrow pile for 1200 East Main St.

START DATE: 07/31/09 COMPLETED: 07/31/09 CONTRACTOR: TREC Environmental, Paul Willy
9:00 AM

INSPECTOR Edward Jones, Bergmann Associates EXCAVATION EQUIPMENT: Komatsu PC 35 MR
Track Mounted Excavator

TEST PIT LOCATION: 3rd test pit, placed north of test pit PT-2

TEST PIT SIZE: 8 feet long, 3 ft wide by 7.0 feet deep. MONITORING EQUIPMENT: H Nu DL 101 Photo Ionization
Detector, 10.6 ev lamp

WEATHER: Overcast, light rain early in morning, 74 ° F Background = 0.4 ppm

GROUNDWATER ENCOUNTERED: Not encountered BEDROCK ENCOUNTERED: Not Encountered

SAMPLES COLLECTED FOR TESTING: Samples from each test pit - see Chain of Custody.

DEPTH BELOW GROUND SURFACE	DESCRIPTION OF SOIL ENCOUNTERED	FIELD SCREENING	COMMENTS
1.0 feet	2 blocks of concrete exposed just below ground surface.	PID measurements of VOCs in pit: 0.2 ppm less than bkgd Bkgd = 0.4 ppm	no odors
2.0 feet	Damp Brown Fine to Coarse SAND and Fine to Coarse Gravel, some cobbles 4" to 8" in size, with concrete		
3.0 feet	At 2 ft: Same fill with thin metal rods -rebar from concrete at 3 ft: chunks of concrete 2 ft by 3 ft in size.		
4.0 feet	At 4 ft: Encounter Grey Silt mixed with Sand and gravel fill. no odors, no staining, no VOCs	No VOCs above background	no odors
5.0 feet			
6.0 feet	At 6 ft: Same fill, encounter red bricks. No asphalt encountered. Chuck of concrete 3 ft by 3 ft, 8 inches thick at base of test pit.	No VOCs above background.	no odors
7.0 feet	Bottom of test pit 7.0 feet		
8.0 feet	Test pit terminated at 7.0 feet below grade.		
9.0 feet			
10.0 feet	Collected composite soil sample BTP-3 from spoil pile of material excavated from test pit BTP-3		
11.0 feet	Test pit backfilled with spoil after observation and sampling.		
12.0 feet			
13.0 feet			
14.0 feet			
15.0 feet			

TEST PIT LOG



TEST PIT NUMBER: BTP-4

PROJECT: 1315 South Plymouth Borrow Pile PROJECT #: 4453.04 PAGE 4 of 6

SITE DESCRIPTION: Staged pile of soil at 1315 South Plymouth Avenue, proposed borrow pile for 1200 East Main St.

START DATE: 07/31/09 COMPLETED: 07/31/09 CONTRACTOR: TREC Environmental, Paul Willy
9:20 AM

INSPECTOR Edward Jones, Bergmann Associates EXCAVATION EQUIPMENT: Komatsu PC 35 MR
Track Mounted Excavator

TEST PIT LOCATION: 4th test pit, placed north of test pit PT-3, beneath overhead Cable TV line.

TEST PIT SIZE: 8 feet long, 3 ft wide by 8.0 feet deep. MONITORING EQUIPMENT: H Nu DL 101 Photo Ionization
Detector, 10.6 ev lamp

WEATHER: Overcast, light rain early in morning, 74 ° F Background = 0.4 ppm

GROUNDWATER ENCOUNTERED: Not encountered BEDROCK ENCOUNTERED: Not Encountered

SAMPLES COLLECTED FOR TESTING: Samples from each test pit - see Chain of Custody.

DEPTH BELOW GROUND SURFACE	DESCRIPTION OF SOIL ENCOUNTERED	FIELD SCREENING	COMMENTS
1.0 feet	Very sparse ground vegetation, Brown sand and gravel fill. At 1 ft: Asphalt pieces, 6" to 12" in size, road base fill pieces of orange brick. No VOCs, all VOCs < background.	PID measurements of VOCs in pit: 0.2 ppm less than bkgd Bkgd = 0.4 ppm	no odors
2.0 feet			
3.0 feet	At 3 ft: more brick mixed in fill, pieces of clay sewer tile pipe.	No VOCs above background	no odors
4.0 feet	At 4 ft: Asphalt pieces in fill, road or parking lot debris.		
5.0 feet	At 5 ft: Asphalt pieces, cobbles 4" to 6" in size in the fill.		
6.0 feet	At 6 ft: Bricks in fill. Small pieces of glass encountered.	No VOCs above background.	no odors
7.0 feet	At 7 feet: Same fill with bricks.		
8.0 feet	At 8 ft: Asphalt pieces, flat lying, may be bottom of fill.		
9.0 feet	Bottom of test pit 8.0 feet Test pit terminated at 8.0 feet below grade.		
10.0 feet			
11.0 feet	Collected composite soil sample BTP-4 from spoil pile of material excavated from test pit BTP-4		
12.0 feet	Test pit backfilled with spoil after observation and sampling.		
13.0 feet			
14.0 feet			
15.0 feet			

TEST PIT LOG



TEST PIT NUMBER: BTP-5

PROJECT: 1315 South Plymouth Borrow Pile **PROJECT #:** 4453.04 **PAGE** 5 of 6

SITE DESCRIPTION: Staged pile of soil at 1315 South Plymouth Avenue, proposed borrow pile for 1200 East Main St.

START DATE: 07/31/09 **COMPLETED:** 07/31/09 **CONTRACTOR:** TREC Environmental, Paul Willy
9:35 AM

INSPECTOR Edward Jones, Bergmann Associates **EXCAVATION EQUIPMENT:** Komatsu PC 35 MR
Track Mounted Excavator

TEST PIT LOCATION: 5th test pit, placed north of test pit PT-4.

TEST PIT SIZE: 7 feet long, 3 ft wide by 8.0 feet deep. **MONITORING EQUIPMENT:** H Nu DL 101 Photo Ionization
Detector, 10.6 ev lamp

WEATHER: Overcast, light rain early in morning, 74 ° F Background = 0.4 ppm

GROUNDWATER ENCOUNTERED: Not encountered **BEDROCK ENCOUNTERED:** Not Encountered

SAMPLES COLLECTED FOR TESTING: Samples from each test pit - see Chain of Custody.

DEPTH BELOW GROUND SURFACE	DESCRIPTION OF SOIL ENCOUNTERED	FIELD SCREENING	COMMENTS
1.0 feet	Sand and gravel fill at surface, sparse vegetation cover.	PID measurements of VOCs in pit: 0.3 ppm less than bkgd Bkgd = 0.4 ppm	no odors
2.0 feet	1 ft: chunks of asphalt up to 3 ft, parking lot debris at surface. Asphalt mixed with brown sand and gravel fill.		
3.0 feet	At 2 ft: red bricks in the fill.		
4.0 feet	Same sand and gravel fill, asphalt fragments and bricks.	No VOCs above background	no odors
5.0 feet	No odor, no staining, no measurable VOCs in the test pit.		
6.0 feet	At 5 ft: Same fill. No concrete encountered, just asphalt, and bricks in the fill.	No VOCs above background.	no odors
7.0 feet	At 6 ft; clumps of silty sand mixed with asphalt and bricks.		
8.0 feet	At 7 ft: Dray grey to black silt and gravel, may be road base.		
8.0 feet	Black crushed stone at silt at 8 feet. May be original road base.		
9.0 feet	Bottom of test pit 8.0 feet Test pit terminated at 8.0 feet below grade.		
10.0 feet			
11.0 feet	Collected composite soil sample BTP-5 from spoil pile of material excavated from test pit BTP-5		
12.0 feet	Test pit backfilled with spoil after observation and sampling.		
13.0 feet			
14.0 feet			
15.0 feet			

Analytical Report Cover Page

Bergmann Associates
For Lab Project # 09-2781
Issued August 25, 2009

This report contains a total of 497 pages

This report includes a reissued Pesticide's results page for sample 8860 to correct the date analyzed and a Volatile's results page for sample 8862 to add a "B" flag to 4-Methyl-2-pentanone.

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged and documented in the included Case Narrative.

All soil or solid samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.

"E" = Result has been estimated, calibration limit exceeded.

"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"" = QC limit outlier.**

"V" = Sample concentration is >10 times the spike. No meaningful Spike Recovery can be calculated.

LAB PROJECT NARRATIVE 09-2781
PROJECT NAME: 1315 S. Plymouth Borrow Pile
SDG: 8860
CLIENT: Bergmann Associates

Six soil samples were collected by Bergmann Associates on 07/31/2008 and received at the Paradigm laboratory on 08/01/2008. Container and holding times were acceptable at time of receipt; the samples were received at 8° Centigrade. Per standing agreement, analyses were allowed to proceed. Samples were submitted with the Chains-of-Custody requesting TCL list VOCs and SVOCs, Pesticides, PCBs, and TAL Metals. All analyses were performed using EPA SW-846 methods.

GENERAL NOTES

ALL ANALYSES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

VOLATILES and SEMIVOLATILES

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the “#” symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded

Any hits present between the Quantitation limit and half the Quantitation limit have been reported with “J” flags.

VOLATILES

Holding times were met for all samples.

All sample surrogate recoveries were within acceptance limits except Toluene-d8 for all locations and 4-Bromofluorobenzene for all samples except BTP-2: Borrow Test Pit 2. Outliers were out low and flagged with a “*”. Matrix interference is suspected. All QC surrogate recoveries were within acceptance limits.

Site specific QC was requested on sample BTP-2: Borrow Test Pit 2. The Matrix Spike and Matrix Spike Duplicate recovered within acceptance limits. The laboratory control sample recovered within acceptance limits.

The method blank was free from contamination within the reportable range except a low level hit of 4.09J of 4-Methyl-2-pentanone. Any hits in the samples for this compound have been "B" flagged accordingly.

The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibration was within acceptance limits.

All continuing calibration data was within acceptance limits.

SEMI-VOLATILES

Holding times were met for all samples.

Surrogate recoveries were within acceptable limits for all samples and associated QC with the following exception. 2-Fluorobiphenyl and terphenyl-d14 were out low for sample BTP-3 Borrow Test Pit 3 (2nd BN analysis for extra list compounds) and flagged, accordingly, with a "*". Matrix interference is suspected.

Site specific QC was requested on sample BTP-2: Borrow Test Pit 2. The Matrix Spike and Matrix Spike Duplicate for required compounds recovered within acceptance limits except for Pyrene for the MSD which was out high. It has been flagged with a "*" on the summary form and "M" on the sample report form. Additionally, 2,4-Dinitrophenol recovered outside limits and has also been flagged with a "M" on the sample report form. The laboratory control sample recovered within acceptance limits.

The method blank was free from contamination within the reportable range.

The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibration was within acceptance limits.

All continuing calibration data was within acceptance limits.

PESTICIDES AND PCBS

Holding times were met for all samples.

Surrogate recoveries for the PCB analysis were within acceptable limits for all samples and associated QC. Most of the surrogate recoveries for the Pesticide analysis were outside acceptable limits and have been flagged with a "*" accordingly. Matrix interference is suspected. The method blank and laboratory control samples exhibited compliant surrogate recoveries.

Site specific QC was requested on sample BTP-2: Borrow Test Pit 2. The Matrix Spike and Matrix Spike Duplicate for required compounds recovered within acceptance limits. The laboratory control samples recovered within acceptance limits.

The method blanks were free from contamination within the reportable ranges.

All data for the initial calibrations were within acceptance limits. The internal acceptance criteria for the initial calibrations was 0.990 or better for each peak.

Regarding Pesticides, all continuing calibration data was within acceptable limits for the opening calibration. All continuing calibration data was within acceptable limits for the closing calibration except 4,4'-DDD, 4,4'-DDT, Methoxychlor, and the two surrogates indicating matrix caused column degradation. All outliers were marked as "Fail" on the calibration summary forms. Samples were repeated to confirm with comparable results. The raw calibration data for the confirmations has been supplied at the end of the Pesticides Standards section of this report. However, no further evaluation of this data or corresponding summary forms has been made.

Where second column confirmation was required for Pesticide hits, a Form 10 including Percent Difference was included. All second column confirmations were below the required 40% difference.

METALS

Holding times were met for all samples.

Site specific QC was requested on sample BTP-2: Borrow Test Pit 2. Most of the requested metals were outside QC limits for the Matrix Spike and have been flagged with an "M" on the results page. Additionally, As, Cu, Mg, K, Se and Hg were flagged with a "D" on the results page due to duplicate outliers. These outliers are indicated with a "*" on the QC summary form. Al, Ca, Fe, and Mg are flagged with a "V" on the QC summary form indicating that the sample concentration was ten times greater than the matrix spike. Matrix interference is suspected with all of these outliers. The laboratory control samples recovered within acceptable limits. All lcs % differences were within acceptance limits.

The method blanks were free from contamination within the reportable range, except for a low level hit of 0.567 mg/Kg for Se. Se hits in the samples are flagged with a "B".

All data for the initial calibrations were within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed) 
Bruce Hoogesteger- Technical Director

(date) 8/26/2009



CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME:
 1315 S. Plymouth Borrow Pile
 Job# 4453.04

COMPANY: Bergmann Assoc. ates	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: 200 First Federal Plaza	ADDRESS: Same	09-2781	
CITY: Rochester NY STATE: NY ZIP: 14614	CITY: STATE: ZIP:	TURNAROUND TIME (WORKING DAYS)	STD OTHER
PHONE: (585) 232-5135 FAX:	PHONE: FAX:	1 2 3 5	
ATTN: Ed Jones edjones@bergmann.com	ATTN: Summary data	Quotation #	
COMMENTS: AS per Quote MS 10 DAY TAB ASP category B1	REQUESTED ANALYSIS		

DATE	TIME	COMMENTS	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A M I N A N T S	REQUESTED ANALYSIS	REMARKS	PARADIGM LAB SAMPLE NUMBER
10/7/31/09	830	X		BTP-1: Borrow Test Pit 1	Soil	2	TCL VOCs TCL SVOCs TAL metals PCBS Matrix Spike Dup. Matrix Spike Post-TCL see attached email perched boxes on 8/31/09	ASP category B	8860
20/7/31/09	850	X		BTP-2: Borrow Test Pit 2	Soil	2			8861
30/7/31/09	910	X		BTP-3: Borrow Test Pit 3	Soil	2			8862
40/7/31/09	930	X		BTP-4: Borrow Test Pit 4	Soil	2			8863
50/7/31/09	950	X		BTP-5: Borrow Test Pit 5	Soil	2			8864
60/7/31/09	1020	X		BTP-6: Borrow Test Pit 6	Soil	2			8865
7								Custody seals not needed b/c hand delivered to lab.	
8									
9									
10									

LAB USE ONLY, BELOW THIS LINE

Sample Condition: Per NELAC/ECLAP 210/241/242/243/244

Receipt Parameter: NELAC Compliance

Container Type: Y N

Preservation: Y N

Holding Time: Y N

Temperature: Y N

Comments: 8°C Cooled = from temp blank

Sampled By: Edward Jones Date/Time: 07/31/09 10 AM 8 AM → Total Cost: []

Relinquished By: [Signature] Date/Time: 07/31/09 11:15

Received By: Emily M... Date/Time: 8/1/09 09:15

Received @ Lab By: [Signature] Date/Time: [] P.I.F. []

Volatile Analysis Report for Soils/Solids/Sludges

 Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
 Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 1
Field ID Number: BTP-1
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8860
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/11/2009

Compound	Results in ug / Kg
Acetone	ND< 22.0
Benzene	ND< 4.41
Bromochloromethane	ND< 11.0
Bromodichloromethane	ND< 4.41
Bromoform	ND< 11.0
Bromomethane	ND< 4.41
2-Butanone	ND< 22.0
Carbon disulfide	ND< 4.41
Carbon Tetrachloride	ND< 11.0
Chlorobenzene	ND< 4.41
Chloroethane	ND< 4.41
Chloroform	ND< 4.41
Chloromethane	ND< 4.41
Cyclohexane	ND< 22.0
Dibromochloromethane	ND< 4.41
1,2-Dibromo-3-Chloropropane	ND< 22.0
1,2-Dibromoethane	ND< 11.0
1,2-Dichlorobenzene	ND< 11.0
1,3-Dichlorobenzene	ND< 11.0
1,4-Dichlorobenzene	ND< 4.41
Dichlorodifluoromethane	ND< 4.41
1,1-Dichloroethane	ND< 4.41
1,2-Dichloroethane	ND< 4.41
1,1-Dichloroethene	ND< 4.41
cis-1,2-Dichloroethene	ND< 4.41
trans-1,2-Dichloroethene	ND< 4.41

Compound	Results in ug / Kg
1,2-Dichloropropane	ND< 4.41
cis-1,3-Dichloropropene	ND< 4.41
trans-1,3-Dichloropropene	ND< 4.41
Ethylbenzene	ND< 4.41
2-Hexanone	ND< 11.0
Isopropylbenzene	ND< 22.0
Methyl acetate	29.5
Methyl tert-butyl Ether	ND< 4.41
Methylcyclohexane	ND< 4.41
Methylene chloride	ND< 11.0
4-Methyl-2-pentanone	ND< 11.0
Styrene	ND< 11.0
1,1,2,2-Tetrachloroethane	ND< 4.41
Tetrachloroethene	ND< 4.41
Toluene	ND< 4.41
Freon 113	ND< 4.41
1,2,3-Trichlorobenzene	ND< 11.0
1,2,4-Trichlorobenzene	ND< 11.0
1,1,1-Trichloroethane	ND< 4.41
1,1,2-Trichloroethane	ND< 4.41
Trichloroethene	ND< 4.41
Trichlorofluoromethane	ND< 4.41
Vinyl chloride	ND< 4.41
m,p-Xylene	ND< 4.41
o-Xylene	ND< 4.41

ELAP Number 10958

Method: EPA 8260B

Data File: V67911.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature:



 Bruce Hodgesteger, Technical Director

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092781V1.XLS



ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 2
Field ID Number: BTP-2
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8861
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/11/2009

Compound	Results in ug / Kg
Acetone	ND< 20.5
Benzene	ND< 4.09
Bromochloromethane	ND< 10.2
Bromodichloromethane	ND< 4.09
Bromoform	ND< 10.2
Bromomethane	ND< 4.09
2-Butanone	ND< 20.5
Carbon disulfide	ND< 4.09
Carbon Tetrachloride	ND< 10.2
Chlorobenzene	ND< 4.09
Chloroethane	ND< 4.09
Chloroform	ND< 4.09
Chloromethane	ND< 4.09
Cyclohexane	ND< 20.5
Dibromochloromethane	ND< 4.09
1,2-Dibromo-3-Chloropropane	ND< 20.5
1,2-Dibromoethane	ND< 10.2
M 1,2-Dichlorobenzene	ND< 10.2
M 1,3-Dichlorobenzene	ND< 10.2
M 1,4-Dichlorobenzene	ND< 4.09
Dichlorodifluoromethane	ND< 4.09
1,1-Dichloroethane	ND< 4.09
1,2-Dichloroethane	ND< 4.09
1,1-Dichloroethene	ND< 4.09
cis-1,2-Dichloroethene	ND< 4.09
trans-1,2-Dichloroethene	ND< 4.09

Compound	Results in ug / Kg
1,2-Dichloropropane	ND< 4.09
cis-1,3-Dichloropropene	ND< 4.09
trans-1,3-Dichloropropene	ND< 4.09
Ethylbenzene	ND< 4.09
2-Hexanone	ND< 10.2
Isopropylbenzene	ND< 20.5
Methyl acetate	25.0
Methyl tert-butyl Ether	ND< 4.09
Methylcyclohexane	ND< 4.09
Methylene chloride	ND< 10.2
4-Methyl-2-pentanone	ND< 10.2
Styrene	ND< 10.2
1,1,2,2-Tetrachloroethane	ND< 4.09
Tetrachloroethene	ND< 4.09
Toluene	ND< 4.09
Freon 113	ND< 4.09
1,2,3-Trichlorobenzene	ND< 10.2
1,2,4-Trichlorobenzene	ND< 10.2
1,1,1-Trichloroethane	ND< 4.09
1,1,2-Trichloroethane	ND< 4.09
Trichloroethene	ND< 4.09
Trichlorofluoromethane	ND< 4.09
Vinyl chloride	ND< 4.09
m,p-Xylene	ND< 4.09
o-Xylene	ND< 4.09

M

ELAP Number 10958

Method: EPA 8260B

Data File: V67912.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature:
Bruce Hoogesteger: Technical Director

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092781V2.XLS

Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 3
Field ID Number: BTP-3
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8862
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/11/2009
Date Reissued: 08/26/2009

Compound	Results in ug / Kg
Acetone	ND< 20.5
Benzene	ND< 4.09
Bromochloromethane	ND< 10.2
Bromodichloromethane	ND< 4.09
Bromoform	ND< 10.2
Bromomethane	ND< 4.09
2-Butanone	ND< 20.5
Carbon disulfide	ND< 4.09
Carbon Tetrachloride	ND< 10.2
Chlorobenzene	ND< 4.09
Chloroethane	ND< 4.09
Chloroform	ND< 4.09
Chloromethane	ND< 4.09
Cyclohexane	ND< 20.5
Dibromochloromethane	ND< 4.09
1,2-Dibromo-3-Chloropropane	ND< 20.5
1,2-Dibromoethane	ND< 10.2
1,2-Dichlorobenzene	ND< 10.2
1,3-Dichlorobenzene	ND< 10.2
1,4-Dichlorobenzene	ND< 4.09
Dichlorodifluoromethane	ND< 4.09
1,1-Dichloroethane	ND< 4.09
1,2-Dichloroethane	ND< 4.09
1,1-Dichloroethene	ND< 4.09
cis-1,2-Dichloroethene	ND< 4.09
trans-1,2-Dichloroethene	ND< 4.09

Compound	Results in ug / Kg
1,2-Dichloropropane	ND< 4.09
cis-1,3-Dichloropropene	ND< 4.09
trans-1,3-Dichloropropene	ND< 4.09
Ethylbenzene	ND< 4.09
2-Hexanone	9.16
Isopropylbenzene	ND< 20.5
Methyl acetate	28.3
Methyl tert-butyl Ether	ND< 4.09
Methylcyclohexane	ND< 4.09
Methylene chloride	ND< 10.2
4-Methyl-2-pentanone	8.29
Styrene	ND< 10.2
1,1,2,2-Tetrachloroethane	ND< 4.09
Tetrachloroethene	ND< 4.09
Toluene	ND< 4.09
Freon 113	ND< 4.09
1,2,3-Trichlorobenzene	ND< 10.2
1,2,4-Trichlorobenzene	ND< 10.2
1,1,1-Trichloroethane	ND< 4.09
1,1,2-Trichloroethane	ND< 4.09
Trichloroethene	ND< 4.09
Trichlorofluoromethane	ND< 4.09
Vinyl chloride	ND< 4.09
m,p-Xylene	ND< 4.09
o-Xylene	ND< 4.09

J
JB

ELAP Number 10958

Method: EPA 8260B

Data File: V67915.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: 
Bruce Hoogesteger, Technical Director

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ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 4
Field ID Number: BTP-4
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8863
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/11/2009

Compound	Results in ug / Kg
Acetone	ND< 21.8
Benzene	ND< 4.35
Bromochloromethane	ND< 10.9
Bromodichloromethane	ND< 4.35
Bromoform	ND< 10.9
Bromomethane	ND< 4.35
2-Butanone	ND< 21.8
Carbon disulfide	ND< 4.35
Carbon Tetrachloride	ND< 10.9
Chlorobenzene	ND< 4.35
Chloroethane	ND< 4.35
Chloroform	ND< 4.35
Chloromethane	ND< 4.35
Cyclohexane	ND< 21.8
Dibromochloromethane	ND< 4.35
1,2-Dibromo-3-Chloropropane	ND< 21.8
1,2-Dibromoethane	ND< 10.9
1,2-Dichlorobenzene	ND< 10.9
1,3-Dichlorobenzene	ND< 10.9
1,4-Dichlorobenzene	ND< 4.35
Dichlorodifluoromethane	ND< 4.35
1,1-Dichloroethane	ND< 4.35
1,2-Dichloroethane	ND< 4.35
1,1-Dichloroethene	ND< 4.35
cis-1,2-Dichloroethene	ND< 4.35
trans-1,2-Dichloroethene	ND< 4.35

Compound	Results in ug / Kg
1,2-Dichloropropane	ND< 4.35
cis-1,3-Dichloropropene	ND< 4.35
trans-1,3-Dichloropropene	ND< 4.35
Ethylbenzene	ND< 4.35
2-Hexanone	ND< 10.9
Isopropylbenzene	ND< 21.8
Methyl acetate	31.5
Methyl tert-butyl Ether	ND< 4.35
Methylcyclohexane	ND< 4.35
Methylene chloride	ND< 10.9
4-Methyl-2-pentanone	ND< 10.9
Styrene	ND< 10.9
1,1,2,2-Tetrachloroethane	ND< 4.35
Tetrachloroethene	ND< 4.35
Toluene	ND< 4.35
Freon 113	ND< 4.35
1,2,3-Trichlorobenzene	ND< 10.9
1,2,4-Trichlorobenzene	ND< 10.9
1,1,1-Trichloroethane	ND< 4.35
1,1,2-Trichloroethane	ND< 4.35
Trichloroethene	ND< 4.35
Trichlorofluoromethane	ND< 4.35
Vinyl chloride	ND< 4.35
m,p-Xylene	ND< 4.35
o-Xylene	ND< 4.35

ELAP Number 10958

Method: EPA 8260B

Data File: V67916.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogestegge, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

092781V4

Volatile Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
 Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 5
Field ID Number: BTP-5
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8864
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/11/2009

Compound	Results in ug / Kg
Acetone	ND< 19.4
Benzene	ND< 3.89
Bromochloromethane	ND< 9.72
Bromodichloromethane	ND< 3.89
Bromoform	ND< 9.72
Bromomethane	ND< 3.89
2-Butanone	ND< 19.4
Carbon disulfide	ND< 3.89
Carbon Tetrachloride	ND< 9.72
Chlorobenzene	ND< 3.89
Chloroethane	ND< 3.89
Chloroform	ND< 3.89
Chloromethane	ND< 3.89
Cyclohexane	ND< 19.4
Dibromochloromethane	ND< 3.89
1,2-Dibromo-3-Chloropropane	ND< 19.4
1,2-Dibromoethane	ND< 9.72
1,2-Dichlorobenzene	ND< 9.72
1,3-Dichlorobenzene	ND< 9.72
1,4-Dichlorobenzene	ND< 3.89
Dichlorodifluoromethane	ND< 3.89
1,1-Dichloroethane	ND< 3.89
1,2-Dichloroethane	ND< 3.89
1,1-Dichloroethene	ND< 3.89
cis-1,2-Dichloroethene	ND< 3.89
trans-1,2-Dichloroethene	ND< 3.89

Compound	Results in ug / Kg
1,2-Dichloropropane	ND< 3.89
cis-1,3-Dichloropropene	ND< 3.89
trans-1,3-Dichloropropene	ND< 3.89
Ethylbenzene	ND< 3.89
2-Hexanone	ND< 9.72
Isopropylbenzene	ND< 19.4
Methyl acetate	26.4
Methyl tert-butyl Ether	ND< 3.89
Methylcyclohexane	ND< 3.89
Methylene chloride	ND< 9.72
4-Methyl-2-pentanone	ND< 9.72
Styrene	ND< 9.72
1,1,2,2-Tetrachloroethane	ND< 3.89
Tetrachloroethene	ND< 3.89
Toluene	ND< 3.89
Freon 113	ND< 3.89
1,2,3-Trichlorobenzene	ND< 9.72
1,2,4-Trichlorobenzene	ND< 9.72
1,1,1-Trichloroethane	ND< 3.89
1,1,2-Trichloroethane	ND< 3.89
Trichloroethene	ND< 3.89
Trichlorofluoromethane	ND< 3.89
Vinyl chloride	ND< 3.89
m,p-Xylene	ND< 3.89
o-Xylene	ND< 3.89

ELAP Number 10958

Method: EPA 8260B

Data File: V67917 D

Comments: ND denotes Non Detect
 ug / Kg = microgram per Kilogram
 Surrogate outliers indicate probable matrix interference

Signature:


 Bruce Hoogesteger, Technical Director

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092781V5



ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 6
Field ID Number: BTP-6
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8865
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/11/2009

Compound	Results in ug / Kg
Acetone	ND< 21.8
Benzene	ND< 4.36
Bromochloromethane	ND< 10.9
Bromodichloromethane	ND< 4.36
Bromoform	ND< 10.9
Bromomethane	ND< 4.36
2-Butanone	ND< 21.8
Carbon disulfide	ND< 4.36
Carbon Tetrachloride	ND< 10.9
Chlorobenzene	ND< 4.36
Chloroethane	ND< 4.36
Chloroform	ND< 4.36
Chloromethane	ND< 4.36
Cyclohexane	ND< 21.8
Dibromochloromethane	ND< 4.36
1,2-Dibromo-3-Chloropropane	ND< 21.8
1,2-Dibromoethane	ND< 10.9
1,2-Dichlorobenzene	ND< 10.9
1,3-Dichlorobenzene	ND< 10.9
1,4-Dichlorobenzene	ND< 4.36
Dichlorodifluoromethane	ND< 4.36
1,1-Dichloroethane	ND< 4.36
1,2-Dichloroethane	ND< 4.36
1,1-Dichloroethene	ND< 4.36
cis-1,2-Dichloroethene	ND< 4.36
trans-1,2-Dichloroethene	ND< 4.36

Compound	Results in ug / Kg
1,2-Dichloropropane	ND< 4.36
cis-1,3-Dichloropropene	ND< 4.36
trans-1,3-Dichloropropene	ND< 4.36
Ethylbenzene	ND< 4.36
2-Hexanone	ND< 10.9
Isopropylbenzene	ND< 21.8
Methyl acetate	34.9
Methyl tert-butyl Ether	ND< 4.36
Methylcyclohexane	ND< 4.36
Methylene chloride	ND< 10.9
4-Methyl-2-pentanone	ND< 10.9
Styrene	ND< 10.9
1,1,2,2-Tetrachloroethane	ND< 4.36
Tetrachloroethene	ND< 4.36
Toluene	ND< 4.36
Freon 113	ND< 4.36
1,2,3-Trichlorobenzene	ND< 10.9
1,2,4-Trichlorobenzene	ND< 10.9
1,1,1-Trichloroethane	ND< 4.36
1,1,2-Trichloroethane	ND< 4.36
Trichloroethene	ND< 4.36
Trichlorofluoromethane	ND< 4.36
Vinyl chloride	ND< 4.36
m,p-Xylene	ND< 4.36
o-Xylene	ND< 4.36

ELAP Number 10958

Method: EPA 8260B

Data File: V67918.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger, Technical Director

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092781V6



179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 1
Field ID Number: BTP-1
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8860
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/06/2009

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 318	Dibenz (a,h) anthracene	ND< 318
Anthracene	ND< 318	Fluoranthene	910
Benzo (a) anthracene	419	Fluorene	ND< 318
Benzo (a) pyrene	397	Indeno (1,2,3-cd) pyrene	266
Benzo (b) fluoranthene	452	Naphthalene	ND< 318
Benzo (g,h,i) perylene	298	Phenanthrene	539
Benzo (k) fluoranthene	357	Pyrene	736
Chrysene	417	Acenaphthylene	ND< 318
Diethyl phthalate	ND< 318	1,2-Dichlorobenzene	ND< 318
Dimethyl phthalate	ND< 796	1,3-Dichlorobenzene	ND< 318
Butylbenzylphthalate	ND< 318	1,4-Dichlorobenzene	ND< 318
Di-n-butyl phthalate	ND< 318	1,2,4-Trichlorobenzene	ND< 318
Di-n-octylphthalate	ND< 318	Nitrobenzene	ND< 318
Bis (2-ethylhexyl) phthalate	ND< 318	2,4-Dinitrotoluene	ND< 318
2-Chloronaphthalene	ND< 318	2,6-Dinitrotoluene	ND< 318
Hexachlorobenzene	ND< 318	Bis (2-chloroethyl) ether	ND< 318
Hexachloroethane	ND< 318	Bis (2-chloroisopropyl) ether	ND< 318
Hexachlorocyclopentadiene	ND< 318	Bis (2-chloroethoxy) methan	ND< 318
Hexachlorobutadiene	ND< 318	4-Bromophenyl phenyl ether	ND< 318
N-Nitroso-di-n-propylamine	ND< 318	4-Chlorophenyl phenyl ether	ND< 318
N-Nitrosodiphenylamine	ND< 318	Benzidine	ND< 796
N-Nitrosodimethylamine	ND< 318	3,3'-Dichlorobenzidine	ND< 318
Isophorone	ND< 318	4-Chloroaniline	ND< 318
Benzyl alcohol	ND< 796	2-Nitroaniline	ND< 796
Dibenzofuran	ND< 318	3-Nitroaniline	ND< 796
2-Methylnaphthalene	ND< 318	4-Nitroaniline	ND< 796

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 318	2-Methylphenol	ND< 318
2-Chlorophenol	ND< 318	3&4-Methylphenol	ND< 318
2,4-Dichlorophenol	ND< 318	2,4-Dimethylphenol	ND< 318
2,6-Dichlorophenol	ND< 318	2-Nitrophenol	ND< 318
2,4,5-Trichlorophenol	ND< 796	4-Nitrophenol	ND< 796
2,4,6-Trichlorophenol	ND< 318	2,4-Dinitrophenol	ND< 796
Pentachlorophenol	ND< 796	4,6-Dinitro-2-methylphenol	ND< 796
4-Chloro-3-methylphenol	ND< 318	Benzoic acid	ND< 796

ELAP Number 10958

Method: EPA 8270C

Data File: S46406.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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092781\$1.XLS

Semi-Volatile BN Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site:	1315 South Plymouth Borrow Pile	Lab Project Number:	09-2781
Client Job Number:	4453-04	Lab Sample Number:	8860
Field Location:	Borrow Test Pit 1	Date Sampled:	07/31/2009
Field ID Number:	BTP-1	Date Received:	08/01/2009
Sample Type:	Soil	Date Analyzed:	08/13/2009

Base / Neutrals	Results in ug / Kg
Biphenyl	ND< 318
Acetophenone	ND< 318
Atrazine	ND< 318
Caprolactam	ND< 318
Carbazole	ND< 318
Benzaldehyde	ND< 318

ELAP Number 10958

Method: EPA 8270C

Data File: S46519.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 092781s7.xls

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 2
Field ID Number: BTP-2
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8861
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/06/2009

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 316	Dibenz (a,h) anthracene	176
Anthracene	331	Fluoranthene	1,710
Benzo (a) anthracene	816	Fluorene	ND< 316
Benzo (a) pyrene	775	Indeno (1,2,3-cd) pyrene	485
Benzo (b) fluoranthene	684	Naphthalene	ND< 316
Benzo (g,h,i) perylene	517	Phenanthrene	1,400
Benzo (k) fluoranthene	677	Pyrene	1,440
Chrysene	822	Acenaphthylene	ND< 316
Diethyl phthalate	ND< 316	1,2-Dichlorobenzene	ND< 316
Dimethyl phthalate	ND< 790	1,3-Dichlorobenzene	ND< 316
Butylbenzylphthalate	237	1,4-Dichlorobenzene	ND< 316
Di-n-butyl phthalate	ND< 316	1,2,4-Trichlorobenzene	ND< 316
Di-n-octylphthalate	ND< 316	Nitrobenzene	ND< 316
Bis (2-ethylhexyl) phthalate	ND< 316	2,4-Dinitrotoluene	ND< 316
2-Chloronaphthalene	ND< 316	2,6-Dinitrotoluene	ND< 316
Hexachlorobenzene	ND< 316	Bis (2-chloroethyl) ether	ND< 316
Hexachloroethane	ND< 316	Bis (2-chloroisopropyl) ether	ND< 316
Hexachlorocyclopentadiene	ND< 316	Bis (2-chloroethoxy) methan	ND< 316
Hexachlorobutadiene	ND< 316	4-Bromophenyl phenyl ether	ND< 316
N-Nitroso-di-n-propylamine	ND< 316	4-Chlorophenyl phenyl ether	ND< 316
N-Nitrosodiphenylamine	ND< 316	Benzidine	ND< 790
N-Nitrosodimethylamine	ND< 316	3,3'-Dichlorobenzidine	ND< 316
Isophorone	ND< 316	4-Chloroaniline	ND< 316
Benzyl alcohol	ND< 790	2-Nitroaniline	ND< 790
Dibenzofuran	ND< 316	3-Nitroaniline	ND< 790
2-Methylnapthalene	ND< 316	4-Nitroaniline	ND< 790

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 316	2-Methylphenol	ND< 316
2-Chlorophenol	ND< 316	3&4-Methylphenol	ND< 316
2,4-Dichlorophenol	ND< 316	2,4-Dimethylphenol	ND< 316
2,6-Dichlorophenol	ND< 316	2-Nitrophenol	ND< 316
2,4,5-Trichlorophenol	ND< 790	4-Nitrophenol	ND< 790
2,4,6-Trichlorophenol	ND< 316	2,4-Dinitrophenol	ND< 790
Pentachlorophenol	ND< 790	4,6-Dinitro-2-methylphenol	ND< 790
4-Chloro-3-methylphenol	ND< 316	Benzoic acid	ND< 790

ELAP Number 10958

Method: EPA 8270C

Data File: S46407.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____


Bruce Hoogesteger: Technical Director

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092781S2.XLS



179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile BN Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 2
Field ID Number: BTP-2
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8861
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

Base / Neutrals	Results in ug / Kg
Biphenyl	ND< 316
Acetophenone	ND< 316
Atrazine	ND< 316
Caprolactam	ND< 316
Carbazole	ND< 316
Benzaldehyde	ND< 316

ELAP Number 10958

Method: EPA 8270C

Data File: S46520.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. 092781s8.xls

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site:	1315 South Plymouth Borrow Pile	Lab Project Number:	09-2781
Client Job Number:	4453-04	Lab Sample Number:	8862
Field Location:	Borrow Test Pit 3	Date Sampled:	07/31/2009
Field ID Number:	BTP-3	Date Received:	08/01/2009
Sample Type:	Soil	Date Analyzed:	08/06/2009

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 319	Dibenz (a,h) anthracene	ND< 319
Anthracene	ND< 319	Fluoranthene	540
J Benzo (a) anthracene	261	Fluorene	ND< 319
J Benzo (a) pyrene	268	Indeno (1,2,3-cd) pyrene	194
J Benzo (b) fluoranthene	276	Naphthalene	ND< 319
J Benzo (g,h,i) perylene	232	Phenanthrene	219
J Benzo (k) fluoranthene	216	Pyrene	445
J Chrysene	280	Acenaphthylene	ND< 319
Diethyl phthalate	ND< 319	1,2-Dichlorobenzene	ND< 319
Dimethyl phthalate	ND< 798	1,3-Dichlorobenzene	ND< 319
Butylbenzylphthalate	ND< 319	1,4-Dichlorobenzene	ND< 319
Di-n-butyl phthalate	ND< 319	1,2,4-Trichlorobenzene	ND< 319
Di-n-octylphthalate	ND< 319	Nitrobenzene	ND< 319
Bis (2-ethylhexyl) phthalate	ND< 319	2,4-Dinitrotoluene	ND< 319
2-Chloronaphthalene	ND< 319	2,6-Dinitrotoluene	ND< 319
Hexachlorobenzene	ND< 319	Bis (2-chloroethyl) ether	ND< 319
Hexachloroethane	ND< 319	Bis (2-chloroisopropyl) ether	ND< 319
Hexachlorocyclopentadiene	ND< 319	Bis (2-chloroethoxy) methan	ND< 319
Hexachlorobutadiene	ND< 319	4-Bromophenyl phenyl ether	ND< 319
N-Nitroso-di-n-propylamine	ND< 319	4-Chlorophenyl phenyl ether	ND< 319
N-Nitrosodiphenylamine	ND< 319	Benzidine	ND< 798
N-Nitrosodimethylamine	ND< 319	3,3'-Dichlorobenzidine	ND< 319
Isophorone	ND< 319	4-Chloroaniline	ND< 319
Benzyl alcohol	ND< 798	2-Nitroaniline	ND< 798
Dibenzofuran	ND< 319	3-Nitroaniline	ND< 798
2-Methylnaphthalene	ND< 319	4-Nitroaniline	ND< 798

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 319	2-Methylphenol	ND< 319
2-Chlorophenol	ND< 319	3&4-Methylphenol	ND< 319
2,4-Dichlorophenol	ND< 319	2,4-Dimethylphenol	ND< 319
2,6-Dichlorophenol	ND< 319	2-Nitrophenol	ND< 319
2,4,5-Trichlorophenol	ND< 798	4-Nitrophenol	ND< 798
2,4,6-Trichlorophenol	ND< 319	2,4-Dinitrophenol	ND< 798
Pentachlorophenol	ND< 798	4,6-Dinitro-2-methylphenol	ND< 798
4-Chloro-3-methylphenol	ND< 319	Benzoic acid	ND< 798

ELAP Number 10958

Method: EPA 8270C

Data File: S46410.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

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Semi-Volatile BN Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 3
Field ID Number: BTP-3
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8862
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

Base / Neutrals	Results in ug / Kg
Biphenyl	ND< 319
Acetophenone	ND< 319
Atrazine	ND< 319
Caprolactam	ND< 319
Carbazole	ND< 319
Benzaldehyde	ND< 319

ELAP Number 10958

Method: EPA 8270C

Data File: S46521.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 4
Field ID Number: BTP-4
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8863
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/06/2009

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 317	Dibenz (a,h) anthracene	ND< 317
Anthracene	290	Fluoranthene	1,420
Benzo (a) anthracene	629	Fluorene	ND< 317
Benzo (a) pyrene	602	Indeno (1,2,3-cd) pyrene	371
Benzo (b) fluoranthene	579	Naphthalene	ND< 317
Benzo (g,h,i) perylene	386	Phenanthrene	905
Benzo (k) fluoranthene	453	Pyrene	1,150
Chrysene	605	Acenaphthylene	ND< 317
Diethyl phthalate	ND< 317	1,2-Dichlorobenzene	ND< 317
Dimethyl phthalate	ND< 792	1,3-Dichlorobenzene	ND< 317
Butylbenzylphthalate	ND< 317	1,4-Dichlorobenzene	ND< 317
Di-n-butyl phthalate	ND< 317	1,2,4-Trichlorobenzene	ND< 317
Di-n-octylphthalate	ND< 317	Nitrobenzene	ND< 317
Bis (2-ethylhexyl) phthalate	ND< 317	2,4-Dinitrotoluene	ND< 317
2-Chloronaphthalene	ND< 317	2,6-Dinitrotoluene	ND< 317
Hexachlorobenzene	ND< 317	Bis (2-chloroethyl) ether	ND< 317
Hexachloroethane	ND< 317	Bis (2-chloroisopropyl) ether	ND< 317
Hexachlorocyclopentadiene	ND< 317	Bis (2-chloroethoxy) methan	ND< 317
Hexachlorobutadiene	ND< 317	4-Bromophenyl phenyl ether	ND< 317
N-Nitroso-di-n-propylamine	ND< 317	4-Chlorophenyl phenyl ether	ND< 317
N-Nitrosodiphenylamine	ND< 317	Benzidine	ND< 792
N-Nitrosodimethylamine	ND< 317	3,3'-Dichlorobenzidine	ND< 317
Isophorone	ND< 317	4-Chloroaniline	ND< 317
Benzyl alcohol	ND< 792	2-Nitroaniline	ND< 792
Dibenzofuran	ND< 317	3-Nitroaniline	ND< 792
2-Methylnaphthalene	ND< 317	4-Nitroaniline	ND< 792

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 317	2-Methylphenol	ND< 317
2-Chlorophenol	ND< 317	3&4-Methylphenol	ND< 317
2,4-Dichlorophenol	ND< 317	2,4-Dimethylphenol	ND< 317
2,6-Dichlorophenol	ND< 317	2-Nitrophenol	ND< 317
2,4,5-Trichlorophenol	ND< 792	4-Nitrophenol	ND< 792
2,4,6-Trichlorophenol	ND< 317	2,4-Dinitrophenol	ND< 792
Pentachlorophenol	ND< 792	4,6-Dinitro-2-methylphenol	ND< 792
4-Chloro-3-methylphenol	ND< 317	Benzoic acid	ND< 792

ELAP Number 10958

Method: EPA 8270C

Data File: S46411.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger, Technical Director

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092781S4.XLS



Semi-Volatile BN Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site:	1315 South Plymouth Borrow Pile	Lab Project Number:	09-2781
Client Job Number:	4453-04	Lab Sample Number:	8863
Field Location:	Borrow Test Pit 4	Date Sampled:	07/31/2009
Field ID Number:	BTP-4	Date Received:	08/01/2009
Sample Type:	Soil	Date Analyzed:	08/13/2009

Base / Neutrals	Results in ug / Kg
Biphenyl	ND< 317
Acetophenone	ND< 317
Atrazine	ND< 317
Caprolactam	ND< 317
Carbazole	ND< 317
Benzaldehyde	ND< 317

ELAP Number 10958

Method: EPA 8270C

Data File: S46522.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:



Bruce Hoogesteger: Technical Director

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09278111.xls



179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 5
Field ID Number: BTP-5
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8864
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/06/2009

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 315	Dibenz (a,h) anthracene	220
Anthracene	436	Fluoranthene	2,280
Benzo (a) anthracene	890	Fluorene	ND< 315
Benzo (a) pyrene	873	Indeno (1,2,3-cd) pyrene	571
Benzo (b) fluoranthene	835	Naphthalene	ND< 315
Benzo (g,h,i) perylene	604	Phenanthrene	1,600
Benzo (k) fluoranthene	671	Pyrene	1,700
Chrysene	867	Acenaphthylene	ND< 315
Diethyl phthalate	ND< 315	1,2-Dichlorobenzene	ND< 315
Dimethyl phthalate	ND< 788	1,3-Dichlorobenzene	ND< 315
Butylbenzylphthalate	ND< 315	1,4-Dichlorobenzene	ND< 315
Di-n-butyl phthalate	ND< 315	1,2,4-Trichlorobenzene	ND< 315
Di-n-octylphthalate	ND< 315	Nitrobenzene	ND< 315
Bis (2-ethylhexyl) phthalate	ND< 315	2,4-Dinitrotoluene	ND< 315
2-Chloronaphthalene	ND< 315	2,6-Dinitrotoluene	ND< 315
Hexachlorobenzene	ND< 315	Bis (2-chloroethyl) ether	ND< 315
Hexachloroethane	ND< 315	Bis (2-chloroisopropyl) ether	ND< 315
Hexachlorocyclopentadiene	ND< 315	Bis (2-chloroethoxy) methan	ND< 315
Hexachlorobutadiene	ND< 315	4-Bromophenyl phenyl ether	ND< 315
N-Nitroso-di-n-propylamine	ND< 315	4-Chlorophenyl phenyl ether	ND< 315
N-Nitrosodiphenylamine	ND< 315	Benzidine	ND< 788
N-Nitrosodimethylamine	ND< 315	3,3'-Dichlorobenzidine	ND< 315
Isophorone	ND< 315	4-Chloroaniline	ND< 315
Benzyl alcohol	ND< 788	2-Nitroaniline	ND< 788
Dibenzofuran	ND< 315	3-Nitroaniline	ND< 788
2-Methylnapthalene	ND< 315	4-Nitroaniline	ND< 788

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 315	2-Methylphenol	ND< 315
2-Chlorophenol	ND< 315	3&4-Methylphenol	ND< 315
2,4-Dichlorophenol	ND< 315	2,4-Dimethylphenol	ND< 315
2,6-Dichlorophenol	ND< 315	2-Nitrophenol	ND< 315
2,4,5-Trichlorophenol	ND< 788	4-Nitrophenol	ND< 788
2,4,6-Trichlorophenol	ND< 315	2,4-Dinitrophenol	ND< 788
Pentachlorophenol	ND< 788	4,6-Dinitro-2-methylphenol	ND< 788
4-Chloro-3-methylphenol	ND< 315	Benzoic acid	ND< 788

ELAP Number 10958

Method: EPA 8270C

Data File: S46412.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile BN Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 5
Field ID Number: BTP-5
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8864
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

Base / Neutrals	Results in ug / Kg
Biphenyl	ND< 315
Acetophenone	ND< 315
Atrazine	ND< 315
Caprolactam	ND< 315
Carbazole	ND< 315
Benzaldehyde	ND< 315

ELAP Number 10958

Method: EPA 8270C

Data File: S46523.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

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Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 6
Field ID Number: BTP-6
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8865
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/06/2009

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	ND< 322	Dibenz (a,h) anthracene	ND< 322
Anthracene	204	Fluoranthene	1,220
Benzo (a) anthracene	581	Fluorene	ND< 322
Benzo (a) pyrene	582	Indeno (1,2,3-cd) pyrene	412
Benzo (b) fluoranthene	587	Naphthalene	ND< 322
Benzo (g,h,i) perylene	440	Phenanthrene	685
Benzo (k) fluoranthene	431	Pyrene	1,000
Chrysene	578	Acenaphthylene	ND< 322
Diethyl phthalate	ND< 322	1,2-Dichlorobenzene	ND< 322
Dimethyl phthalate	ND< 805	1,3-Dichlorobenzene	ND< 322
Butylbenzylphthalate	ND< 322	1,4-Dichlorobenzene	ND< 322
Di-n-butyl phthalate	ND< 322	1,2,4-Trichlorobenzene	ND< 322
Di-n-octylphthalate	ND< 322	Nitrobenzene	ND< 322
Bis (2-ethylhexyl) phthalate	ND< 322	2,4-Dinitrotoluene	ND< 322
2-Chloronaphthalene	ND< 322	2,6-Dinitrotoluene	ND< 322
Hexachlorobenzene	ND< 322	Bis (2-chloroethyl) ether	ND< 322
Hexachloroethane	ND< 322	Bis (2-chloroisopropyl) ether	ND< 322
Hexachlorocyclopentadiene	ND< 322	Bis (2-chloroethoxy) methan	ND< 322
Hexachlorobutadiene	ND< 322	4-Bromophenyl phenyl ether	ND< 322
N-Nitroso-di-n-propylamine	ND< 322	4-Chlorophenyl phenyl ether	ND< 322
N-Nitrosodiphenylamine	ND< 322	Benzidine	ND< 805
N-Nitrosodimethylamine	ND< 322	3,3'-Dichlorobenzidine	ND< 322
Isophorone	ND< 322	4-Chloroaniline	ND< 322
Benzyl alcohol	ND< 805	2-Nitroaniline	ND< 805
Dibenzofuran	ND< 322	3-Nitroaniline	ND< 805
2-Methylnapthalene	ND< 322	4-Nitroaniline	ND< 805

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	ND< 322	2-Methylphenol	ND< 322
2-Chlorophenol	ND< 322	3&4-Methylphenol	ND< 322
2,4-Dichlorophenol	ND< 322	2,4-Dimethylphenol	ND< 322
2,6-Dichlorophenol	ND< 322	2-Nitrophenol	ND< 322
2,4,5-Trichlorophenol	ND< 805	4-Nitrophenol	ND< 805
2,4,6-Trichlorophenol	ND< 322	2,4-Dinitrophenol	ND< 805
Pentachlorophenol	ND< 805	4,6-Dinitro-2-methylphenol	ND< 805
4-Chloro-3-methylphenol	ND< 322	Benzoic acid	ND< 805

ELAP Number 10958

Method: EPA 8270C

Data File: S46413.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature:


Bruce Hoogesteger, Technical Director

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0927B1S6 XLS



179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile BN Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site:	1315 South Plymouth Borrow Pile	Lab Project Number:	09-2781
Client Job Number:	4453-04	Lab Sample Number:	8865
Field Location:	Borrow Test Pit 6	Date Sampled:	07/31/2009
Field ID Number:	BTP-6	Date Received:	08/01/2009
Sample Type:	Soil	Date Analyzed:	08/13/2009

Base / Neutrals	Results in ug / Kg
Biphenyl	ND< 322
Acetophenone	ND< 322
Atrazine	ND< 322
Caprolactam	ND< 322
Carbazole	ND< 322
Benzaldehyde	ND< 322

ELAP Number 10958 Method: EPA 8270C Data File: S46524.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 1
Field ID Number: BTP-1
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8860
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/10/2009
Date Reissued: 08/25/2009

Pesticide Identification	Results in ug / Kg
Aldrin	ND< 3.19
alpha-BHC	ND< 3.19
beta-BHC	ND< 3.19
delta-BHC	ND< 3.19
gamma-BHC	ND< 3.19
alpha-Chlordane	ND< 3.19
gamma-Chlordane	ND< 3.19
4,4'-DDD	ND< 3.19
4,4'-DDE	ND< 3.19
4,4'-DDT	ND< 3.19
Dieldrin	ND< 3.19
Endosulfan I	ND< 3.19
Endosulfan II	ND< 3.19
Endosulfan Sulfate	ND< 3.19
Endrin	ND< 3.19
Endrin Aldehyde	ND< 3.19
Heptachlor	ND< 3.19
Heptachlor Epoxide	ND< 3.19
Methoxychlor	ND< 3.19
Toxaphene	ND< 160

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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Pesticide Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site:	1315 South Plymouth Borrow Pile	Lab Project Number:	09-2781
Client Job Number:	4453-04	Lab Sample Number:	8861
Field Location:	Borrow Test Pit 2	Date Sampled:	07/31/2009
Field ID Number:	BTP-2	Date Received:	08/01/2009
Sample Type:	Soil	Date Analyzed:	08/10/2009

Pesticide Identification	Results in ug / Kg
Aldrin	ND< 3.17
alpha-BHC	ND< 3.17
beta-BHC	ND< 3.17
delta-BHC	ND< 3.17
gamma-BHC	ND< 3.17
alpha-Chlordane	ND< 3.17
gamma-Chlordane	ND< 3.17
4,4'-DDD	ND< 3.17
4,4'-DDE	ND< 3.17
4,4'-DDT	ND< 3.17
Dieldrin	ND< 3.17
Endosulfan I	ND< 3.17
Endosulfan II	ND< 3.17
Endosulfan Sulfate	ND< 3.17
Endrin	ND< 3.17
Endrin Aldehyde	73.2
Heptachlor	ND< 3.17
Heptachlor Epoxide	ND< 3.17
Methoxychlor	ND< 3.17
Toxaphene	ND< 158

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

Signature: _____


Bruce Hoogesteger: Technical Director

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092781P2.XLS



Pesticide Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 3
Field ID Number: BTP-3
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8862
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/10/2009

Pesticide Identification	Results in ug / Kg
Aldrin	ND< 3.20
alpha-BHC	ND< 3.20
beta-BHC	ND< 3.20
delta-BHC	ND< 3.20
gamma-BHC	ND< 3.20
alpha-Chlordane	ND< 3.20
gamma-Chlordane	ND< 3.20
4,4'-DDD	ND< 3.20
4,4'-DDE	ND< 3.20
4,4'-DDT	3.50
Dieldrin	ND< 3.20
Endosulfan I	ND< 3.20
Endosulfan II	ND< 3.20
Endosulfan Sulfate	ND< 3.20
Endrin	ND< 3.20
Endrin Aldehyde	ND< 3.20
Heptachlor	ND< 3.20
Heptachlor Epoxide	ND< 3.20
Methoxychlor	ND< 3.20
Toxaphene	ND< 160

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference.

Signature: _____

Bruce Hoogesteyn, Technical Director

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Pesticide Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 4
Field ID Number: BTP-4
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8863
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/10/2009

Pesticide Identification	Results in ug / Kg
Aldrin	ND< 3.19
alpha-BHC	ND< 3.19
beta-BHC	ND< 3.19
delta-BHC	ND< 3.19
gamma-BHC	ND< 3.19
alpha-Chlordane	ND< 3.19
gamma-Chlordane	ND< 3.19
4,4'-DDD	ND< 3.19
4,4'-DDE	ND< 3.19
4,4'-DDT	ND< 3.19
Dieldrin	ND< 3.19
Endosulfan I	ND< 3.19
Endosulfan II	ND< 3.19
Endosulfan Sulfate	ND< 3.19
Endrin	ND< 3.19
Endrin Aldehyde	ND< 3.19
Heptachlor	ND< 3.19
Heptachlor Epoxide	ND< 3.19
Methoxychlor	ND< 3.19
Toxaphene	ND< 159

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference.

Signature: 
Bruce Hoogesteger, Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Pesticide Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 5
Field ID Number: BTP-5
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8864
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/10/2009

Pesticide Identification	Results in ug / Kg
Aldrin	ND< 3.18
alpha-BHC	ND< 3.18
beta-BHC	ND< 3.18
delta-BHC	ND< 3.18
gamma-BHC	ND< 3.18
alpha-Chlordane	ND< 3.18
gamma-Chlordane	ND< 3.18
4,4'-DDD	ND< 3.18
4,4'-DDE	ND< 3.18
4,4'-DDT	7.23
Dieldrin	ND< 3.18
Endosulfan I	ND< 3.18
Endosulfan II	ND< 3.18
Endosulfan Sulfate	ND< 3.18
Endrin	ND< 3.18
Endrin Aldehyde	ND< 3.18
Heptachlor	ND< 3.18
Heptachlor Epoxide	ND< 3.18
Methoxychlor	ND< 3.18
Toxaphene	ND< 159

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference.

Signature: _____

Bruce Hoogestegeer: Technical Director

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Pesticide Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 6
Field ID Number: BTP-6
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8865
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/10/2009

Pesticide Identification	Results in ug / Kg
Aldrin	ND< 3.22
alpha-BHC	ND< 3.22
beta-BHC	ND< 3.22
delta-BHC	ND< 3.22
gamma-BHC	ND< 3.22
alpha-Chlordane	ND< 3.22
gamma-Chlordane	ND< 3.22
4,4'-DDD	ND< 3.22
4,4'-DDE	ND< 3.22
4,4'-DDT	ND< 3.22
Dieldrin	ND< 3.22
Endosulfan I	ND< 3.22
Endosulfan II	ND< 3.22
Endosulfan Sulfate	ND< 3.22
Endrin	ND< 3.22
Endrin Aldehyde	ND< 3.22
Heptachlor	ND< 3.22
Heptachlor Epoxide	ND< 3.22
Methoxychlor	ND< 3.22
Toxaphene	ND< 161

ELAP Number 10958

Method: EPA 8081

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
Surrogate outliers indicate probable matrix interference.

Signature: 
Bruce Hoogesteger, Technical Director

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PCB Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 1
Field ID Number: BTP-1
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8860
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.0319
Aroclor 1221	ND< 0.0319
Aroclor 1232	ND< 0.0319
Aroclor 1242	ND< 0.0319
Aroclor 1248	ND< 0.0319
Aroclor 1254	ND< 0.0319
Aroclor 1260	ND< 0.0319

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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092781P7.XLS



179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 2
Field ID Number: BTP-2
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8861
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.0317
Aroclor 1221	ND< 0.0317
Aroclor 1232	ND< 0.0317
Aroclor 1242	ND< 0.0317
Aroclor 1248	ND< 0.0317
Aroclor 1254	ND< 0.0317
Aroclor 1260	ND< 0.0317

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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PCB Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 3
Field ID Number: BTP-3
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8862
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.0320
Aroclor 1221	ND< 0.0320
Aroclor 1232	ND< 0.0320
Aroclor 1242	ND< 0.0320
Aroclor 1248	ND< 0.0320
Aroclor 1254	ND< 0.0320
Aroclor 1260	ND< 0.0320

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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PCB Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 4
Field ID Number: BTP-4
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8863
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.0319
Aroclor 1221	ND< 0.0319
Aroclor 1232	ND< 0.0319
Aroclor 1242	ND< 0.0319
Aroclor 1248	ND< 0.0319
Aroclor 1254	ND< 0.0319
Aroclor 1260	ND< 0.0319

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

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PCB Analysis Report for Soils/Solids/Sludges

Client: **Bergmann Associates**

Client Job Site:	1315 South Plymouth Borrow Pile	Lab Project Number:	09-2781
Client Job Number:	4453-04	Lab Sample Number:	8864
Field Location:	Borrow Test Pit 5	Date Sampled:	07/31/2009
Field ID Number:	BTP-5	Date Received:	08/01/2009
Sample Type:	Soil	Date Analyzed:	08/13/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.0318
Aroclor 1221	ND< 0.0318
Aroclor 1232	ND< 0.0318
Aroclor 1242	ND< 0.0318
Aroclor 1248	ND< 0.0318
Aroclor 1254	ND< 0.0318
Aroclor 1260	ND< 0.0318

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: 
Bruce Hoogesteger: Technical Director

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PCB Analysis Report for Soils/Solids/Sludges

Client: Bergmann Associates

Client Job Site: 1315 South Plymouth
Borrow Pile
Client Job Number: 4453-04
Field Location: Borrow Test Pit 6
Field ID Number: BTP-6
Sample Type: Soil

Lab Project Number: 09-2781
Lab Sample Number: 8865
Date Sampled: 07/31/2009
Date Received: 08/01/2009
Date Analyzed: 08/13/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.0483
Aroclor 1221	ND< 0.0483
Aroclor 1232	ND< 0.0483
Aroclor 1242	ND< 0.0483
Aroclor 1248	ND< 0.0483
Aroclor 1254	ND< 0.0483
Aroclor 1260	ND< 0.0483

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature: 
Bruce Hoogesteger, Technical Director

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Bergmann Associates**

Client Job Site: 1315 S. Plymouth
Borrow Pile

Client Job No.: 4453.04

Field Location: BTP-1: Borrow Test Pit 1

Field ID No.: N/A

Lab Project No.: 09-2781

Lab Sample No.: 8860

Sample Type: Soil

Date Sampled: 07/31/2009

Date Received: 08/01/2009

Laboratory Report for TAL Metals Analysis in Solid

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/14/2009	SW846 6010	5840
Antimony	08/14/2009	SW846 6010	<4.74
Arsenic	08/14/2009	SW846 6010	3.43
Barium	08/14/2009	SW846 6010	42.0
Beryllium	08/14/2009	SW846 6010	<0.396
Cadmium	08/14/2009	SW846 6010	0.616
Calcium	08/14/2009	SW846 6010	59900
Chromium	08/14/2009	SW846 6010	8.51
Cobalt	08/14/2009	SW846 6010	3.72
Copper	08/14/2009	SW846 6010	12.0
Iron	08/14/2009	SW846 6010	10200
Lead	08/14/2009	SW846 6010	26.4
Magnesium	08/14/2009	SW846 6010	18500
Manganese	08/14/2009	SW846 6010	315
Mercury	08/04/2009	SW846 7471	0.0646
Nickel	08/14/2009	SW846 6010	7.22
Potassium	08/14/2009	SW846 6010	1160
Selenium	08/14/2009	SW846 6010	1.42 B
Silver	08/14/2009	SW846 6010	<0.790
Sodium	08/14/2009	SW846 6010	397
Thallium	08/14/2009	SW846 6010	<0.474
Vanadium	08/14/2009	SW846 6010	15.7
Zinc	08/14/2009	SW846 6010	127

ELAP ID No.: 10958

Comments:

Approved By: 
Bruce Hoogesteger, Technical Director

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Bergmann Associates
 Client Job Site: 1315 S. Plymouth
 Borrow Pile
 Client Job No.: 4453.04
 Field Location: BTP-2:Borrow Test Pit 2
 Field ID No.: N/A

Lab Project No.: 09-2781
 Lab Sample No.: 8861
 Sample Type: Soil
 Date Sampled: 07/31/2009
 Date Received: 08/01/2009

Laboratory Report for TAL Metals Analysis in Solid

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/14/2009	SW846 6010	6140
Antimony	08/14/2009	SW846 6010	<4.36 M
Arsenic	08/14/2009	SW846 6010	4.30 D,M
Barium	08/14/2009	SW846 6010	40.3 M
Beryllium	08/14/2009	SW846 6010	<0.364 M
Cadmium	08/14/2009	SW846 6010	<0.364 M
Calcium	08/14/2009	SW846 6010	26200
Chromium	08/14/2009	SW846 6010	8.82 M
Cobalt	08/14/2009	SW846 6010	4.90 M
Copper	08/14/2009	SW846 6010	13.3 D,M
Iron	08/14/2009	SW846 6010	12200
Lead	08/14/2009	SW846 6010	23.7
Magnesium	08/14/2009	SW846 6010	10800 D
Manganese	08/14/2009	SW846 6010	354 M
Mercury	08/04/2009	SW846 7471	0.0499 D
Nickel	08/14/2009	SW846 6010	8.74 M
Potassium	08/14/2009	SW846 6010	1110 D,M
Selenium	08/14/2009	SW846 6010	1.12 BDM
Silver	08/14/2009	SW846 6010	<0.729 M
Sodium	08/14/2009	SW846 6010	476
Thallium	08/14/2009	SW846 6010	<0.436 M
Vanadium	08/14/2009	SW846 6010	16.6 M
Zinc	08/14/2009	SW846 6010	54.5 M

ELAP ID No.:10958

Comments:

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 Bruce Hoogesteger, Technical Director

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Bergmann Associates**
Client Job Site: 1315 S. Plymouth
Borrow Pile
Client Job No.: 4453.04
Field Location: BTP-3:Borrow Test Pit 3
Field ID No.: N/A

Lab Project No.: 09-2781
Lab Sample No.: 8862
Sample Type: Soil
Date Sampled: 07/31/2009
Date Received: 08/01/2009

Laboratory Report for TAL Metals Analysis in Solid

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/14/2009	SW846 6010	6370
Antimony	08/14/2009	SW846 6010	<6.68
Arsenic	08/14/2009	SW846 6010	8.26
Barium	08/14/2009	SW846 6010	63.6
Beryllium	08/14/2009	SW846 6010	<0.557
Cadmium	08/14/2009	SW846 6010	<0.557
Calcium	08/14/2009	SW846 6010	21400
Chromium	08/14/2009	SW846 6010	11.2
Cobalt	08/14/2009	SW846 6010	4.84
Copper	08/14/2009	SW846 6010	24.2
Iron	08/14/2009	SW846 6010	14100
Lead	08/14/2009	SW846 6010	89.9
Magnesium	08/14/2009	SW846 6010	6930
Manganese	08/14/2009	SW846 6010	263
Mercury	08/04/2009	SW846 7471	0.130
Nickel	08/14/2009	SW846 6010	10.1
Potassium	08/14/2009	SW846 6010	1000
Selenium	08/14/2009	SW846 6010	<0.557
Silver	08/14/2009	SW846 6010	<1.11
Sodium	08/14/2009	SW846 6010	172
Thallium	08/14/2009	SW846 6010	<0.668
Vanadium	08/14/2009	SW846 6010	17.5
Zinc	08/14/2009	SW846 6010	118

ELAP ID No.:10958

Comments:

Approved By: 
Bruce Hoogesteyn, Technical Director

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File ID:092781.xls



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Bergmann Associates**

Client Job Site: 1315 S. Plymouth
Borrow Pile

Client Job No.: 4453.04

Field Location: BTP-4:Borrow Test Pit 4
Field ID No.: N/A

Lab Project No.: 09-2781
Lab Sample No.: 8863

Sample Type: Soil

Date Sampled: 07/31/2009
Date Received: 08/01/2009

Laboratory Report for TAL Metals Analysis in Solid

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/14/2009	SW846 6010	5900
Antimony	08/14/2009	SW846 6010	<5.13
Arsenic	08/14/2009	SW846 6010	3.34
Barium	08/14/2009	SW846 6010	37.0
Beryllium	08/14/2009	SW846 6010	<0.428
Cadmium	08/14/2009	SW846 6010	0.449
Calcium	08/14/2009	SW846 6010	72300
Chromium	08/14/2009	SW846 6010	8.42
Cobalt	08/14/2009	SW846 6010	3.74
Copper	08/14/2009	SW846 6010	16.0
Iron	08/14/2009	SW846 6010	10700
Lead	08/14/2009	SW846 6010	25.1
Magnesium	08/14/2009	SW846 6010	28200
Manganese	08/14/2009	SW846 6010	336
Mercury	08/04/2009	SW846 7471	0.0518
Nickel	08/14/2009	SW846 6010	6.29
Potassium	08/14/2009	SW846 6010	1220
Selenium	08/14/2009	SW846 6010	<0.428
Silver	08/14/2009	SW846 6010	<0.857
Sodium	08/14/2009	SW846 6010	338
Thallium	08/14/2009	SW846 6010	<0.513
Vanadium	08/14/2009	SW846 6010	16.6
Zinc	08/14/2009	SW846 6010	67.8

ELAP ID No.:10958

Comments:

Approved By: 
Bruce Hoogesteger, Technical Director

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Bergmann Associates**
 Client Job Site: 1315 S. Plymouth
 Borrow Pile
 Client Job No.: 4453.04
 Field Location: BTP-5:Borrow Test Pit 5
 Field ID No.: N/A

Lab Project No.: 09-2781
 Lab Sample No.: 8864
 Sample Type: Soil
 Date Sampled: 07/31/2009
 Date Received: 08/01/2009

Laboratory Report for TAL Metals Analysis in Solid

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/14/2009	SW846 6010	6510
Antimony	08/14/2009	SW846 6010	<5.31
Arsenic	08/14/2009	SW846 6010	4.79
Barium	08/14/2009	SW846 6010	52.4
Beryllium	08/14/2009	SW846 6010	<0.442
Cadmium	08/14/2009	SW846 6010	0.523
Calcium	08/14/2009	SW846 6010	29400
Chromium	08/14/2009	SW846 6010	9.49
Cobalt	08/14/2009	SW846 6010	4.68
Copper	08/14/2009	SW846 6010	19.7
Iron	08/14/2009	SW846 6010	12800
Lead	08/14/2009	SW846 6010	110
Magnesium	08/14/2009	SW846 6010	8910
Manganese	08/14/2009	SW846 6010	341
Mercury	08/04/2009	SW846 7471	0.0792
Nickel	08/14/2009	SW846 6010	9.56
Potassium	08/14/2009	SW846 6010	1050
Selenium	08/14/2009	SW846 6010	2.32 B
Silver	08/14/2009	SW846 6010	<0.884
Sodium	08/14/2009	SW846 6010	353
Thallium	08/14/2009	SW846 6010	<0.531
Vanadium	08/14/2009	SW846 6010	17.1
Zinc	08/14/2009	SW846 6010	136

ELAP ID No.:10958

Comments:

Approved By: _____


 Bruce Hoogesteger, Technical Director

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179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: **Bergmann Associates**
 Client Job Site: 1315 S. Plymouth
 Borrow Pile
 Client Job No.: 4453.04
 Field Location: BTP-6:Borrow Test Pit 6
 Field ID No.: N/A

Lab Project No.: 09-2781
 Lab Sample No.: 8865
 Sample Type: Soil
 Date Sampled: 07/31/2009
 Date Received: 08/01/2009

Laboratory Report for TAL Metals Analysis in Solid

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	08/14/2009	SW846 6010	7550
Antimony	08/14/2009	SW846 6010	<6.23
Arsenic	08/14/2009	SW846 6010	4.33
Barium	08/14/2009	SW846 6010	43.9
Beryllium	08/14/2009	SW846 6010	<0.518
Cadmium	08/14/2009	SW846 6010	<0.518
Calcium	08/14/2009	SW846 6010	29300
Chromium	08/14/2009	SW846 6010	10.5
Cobalt	08/14/2009	SW846 6010	5.19
Copper	08/14/2009	SW846 6010	15.4
Iron	08/14/2009	SW846 6010	13600
Lead	08/14/2009	SW846 6010	26.1
Magnesium	08/14/2009	SW846 6010	9290
Manganese	08/14/2009	SW846 6010	287
Mercury	08/04/2009	SW846 7471	0.0673
Nickel	08/14/2009	SW846 6010	11.8
Potassium	08/14/2009	SW846 6010	1260
Selenium	08/14/2009	SW846 6010	<0.518
Silver	08/14/2009	SW846 6010	<1.04
Sodium	08/14/2009	SW846 6010	263
Thallium	08/14/2009	SW846 6010	<0.622
Vanadium	08/14/2009	SW846 6010	18.1
Zinc	08/14/2009	SW846 6010	72.0

ELAP ID No.: 10958

Comments:

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ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 2

194837

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-482-2752	PALMYRA	315-331-2360	HOWARD	607-666-3422
MENDON	585-624-2430	LEROY	585-788-7295	BATH	607-778-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

3/30/2016 12:58:29PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product :	00003	CR-2"	21.29	TON
-----------	-------	-------	-------	-----

Deliver To	East Main St	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	

Vehicle :	36RE	RICCELLI 98 PETE	1	21.29
			Vehicle Loads	Daily Total

Received *DRC*

* = Manual weight.

	Pounds	Tons
Gross	71,250 *	35.63
Tare	28,680	14.34
Net	42,570	21.29

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	21.29 Loads: 1
Todate:	5,801.04

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	807-776-4460
PENFIELD	585-588-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194845

3/30/2016 1:47:43PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product :	00003	CR-2"	21.00	TON
-----------	-------	-------	-------	-----

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	11RE	Riccelli 05 International	1		21.00

	Pounds	Tons
Gross	70,060	35.03
Tare	28,060	14.03
Net	42,000	21.00
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	42.29	Loads: 2
Todate:	5,822.04	

Received



Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS, TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2380	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-788-7285	BATH	607-776-4460
PENFIELD	585-588-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

194849

3/30/2016 2:04:11PM **Stone - Walworth**
 Customer : 991025 **RICCELLI ENTERPRISES**
 Order : 0
 P.O. :

Product :

00003	CR-2"	21.00 TON
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Deliver To East Main Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 331R Riccelli 12 Pete #331 1 21.00

	Pounds	Tons
Gross	70,920	35.46
Tare	28,920	14.46
Net	42,000	21.00

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	63.29 Loads: 3
Todate:	5,843.04

Received

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-351-7010

Ticket No.:
COPY 2

194851

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-837-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-866-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-776-4460
PENFIELD	585-588-2567	OGDEN	585-352-0460		

3/30/2016 2:17:37PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES

Order : 0

P.O. :

Product :	00003	CR-2"	21.20	TON
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Deliver To	East Main	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	36RE	RICCELLI 98 PETE		2	42.49

Received *DRC*

	Pounds	Tons
Gross	70,960	35.48
Tare	28,560	14.28
Net	42,400	21.20

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	84.49	Loads: 4
Todate:	5,864.24	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-837-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-568-3422
MENDON	585-624-2430	LERDY	585-788-7285	BATH	607-776-4480
PENFIELD	585-588-2567	OGDEN	585-352-0480		

Ticket No.:
COPY 2

194873

3/31/2016 7:51:38AM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

	Pounds	Tons
Gross	68,240	34.12
Tare	28,060	14.03
Net	40,180	20.09

Product :	00003	CR-2"	20.09	TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				<u>Vehicle Loads</u>	<u>Daily Total</u>
Vehicle :	11RE	Riccelli 05 International	1		20.09

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	20.09	Loads: 1
Todate:	5,884.33	

Received *b*

Weighmaster: Sam 600354



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-3292	WALWORTH	315-524-2771	BROCKPORT	585-837-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2380	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-775-4460
PENFIELD	585-585-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194874

3/31/2016 7:53:37AM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES

Order : 0
P.O. :

Product :	00003	CR-2"	21.13	TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				<u>Vehicle Loads</u>	<u>Daily Total</u>
Vehicle :	51RE	RICCELLI 06 FREIG		1	21.13

Received 

	Pounds	Tons
Gross	72,200	36.10
Tare	29,940	14.97
Net	42,260	21.13

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	41.22	Loads: 2
Todate:	5,905.46	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS, TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-837-8834
MANCHESTER	315-452-2752	PALMYRA	315-331-2360	HOWARD	607-568-3422
MENDON	585-824-2430	LEROY	585-768-7295	BATH	807-776-4460
PENFIELD	585-586-2587	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194875

3/31/2016 7:55:07AM Stone - Walworth
Customer: 991025 RICCELLI ENTERPRISES

Order: 0

P.O.:

Product:	00003	CR-2"	21.29 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				<u>Vehicle Loads</u>	<u>Daily Total</u>

Vehicle: 13RE RICCELLI # 13 05 INTER 1 21.29

Received *[Signature]*

	Pounds	Tons
Gross	70,480	35.24
Tare	27,900	13.95
Net	42,580	21.29

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	62.51 Loads: 3
Todate:	5,926.75

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-452-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-766-7285	BATH	607-776-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194876

3/31/2016 7:57:43AM Stone - Walworth
 Customer: 991025 RICCELLI ENTERPRISES
 Order: 0
 P.O.:

Product:	00003	CR-2"	21.57	TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				<u>Vehicle Loads</u>	<u>Daily Total</u>
Vehicle:	RI15	Riccelli #15 05 Inter		1	21.57

	Pounds	Tons
Gross	71,500	35.75
Tare	28,360	14.18
Net	43,140	21.57

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	84.08	Loads: 4
Todate:	5,948.32	

Received

Weightmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 3

194877

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-778-4460
PENFIELD	585-568-2567	OGDEN	585-352-0460		

3/31/2016 7:58:51AM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product : 00003 CR-2" 21.26 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	331R	Riccelli 12 Pete #331		1	21.26

Received

	Pounds	Tons
Gross	71,440	35.72
Tare	28,920	14.46
Net	42,520	21.26
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	105.34	Loads: 5
Todate:	5,969.58	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS, TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-837-8834
MANCHESTER	315-482-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-824-2430	LEROY	585-768-7295	BATH	607-776-4160
PENFIELD	585-588-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

194878

3/31/2016 8:01:13AM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product : 00003 CR-2" 20.49 TON

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 59RE RICCELLI # 59 1 20.49

Received *Riccelli*

	Pounds	Tons
Gross	72,400	36.20
Tare	31,420	15.71
Net	40,980	20.49
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	125.83	Loads: 6
Todate:	5,990.07	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROOKPORT	585-637-8934
MANCHESTER	315-482-2752	PALMYRA	315-331-2380	HOWARD	607-566-3422
MENDON	585-824-2430	LEROY	585-788-7285	BATH	607-778-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194901

3/31/2016 9:08:34AM Stone - Walworth
 Customer: 991025 RICCELLI ENTERPRISES
 Order: 0
 P.O.:
 Product: 00003 CR-2" 20.91 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle:	11RE	Riccelli 05 International		2	41.00

Received **B**

	Pounds	Tons
Gross	69,880	34.94
Tare	28,060	14.03
Net	41,820	20.91

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	146.74	Loads: 7
Todate:	6,010.98	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-482-2752	PALMYRA	315-231-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-788-7285	BATH	807-776-4480
PENFIELD	585-588-2587	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194902

3/31/2016 9:10:05AM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product :	00003	CR-2"	20.83	TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				<u>Vehicle Loads</u>	<u>Daily Total</u>
Vehicle :	51RE	RICCELLI 06 FREIG		2	41.96

Received *[Signature]*

	Pounds	Tons
Gross	71,600	35.80
Tare	29,940	14.97
Net	41,660	20.83

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	167.57	Loads: 8
Todate:	6,031.81	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS, TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-6292	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-482-2752	PALMYRA	315-331-2360	HOWARD	607-588-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-778-4860
PENFIELD	585-586-2667	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194903

3/31/2016 9:12:17AM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES

Order : 0
P.O.:

Product : 00003 CR-2" 20.88 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	13RE	RICCELLI # 13 05 INTER	2		42.17

Received *Mia*

	Pounds	Tons
Gross	69,660	34.83
Tare	27,900	13.95
Net	41,760	20.88

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	188.45	Loads: 9
Todate:	6,052.69	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES 585-235-9292
MANCHESTER 315-482-2752
MENDON 585-624-2430
PENFIELD 585-588-2567

WALWORTH 315-524-2771
PALMYRA 315-331-2360
LEROY 585-768-7285
OGDEN 585-352-0460

BROCKPORT 585-637-8834
HOWARD 607-566-3422
BATH 607-776-4460

Ticket No.:
COPY 2

194912

3/31/2016 9:57:45AM
Customer : 991025

Stone - Walworth
RICELLI ENTERPRISES

Order : 0
P.O. :
Product : 00003 CR-2"

20.84 TON

Deliver To Matrix

Tax Status	EX	Haul Code	IX
5402		Zone	Units
		Vehicle Loads	Daily Total
		2	42.41

Vehicle : R115

Ricelli #15 05 Inter

Received

	Pounds	Tons
Gross	70,040	35.02
Tare	28,360	14.18
Net	41,680	20.84

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	209.29 Loads: 10
Todate:	6,073.53

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 3

194914

GATES	585-235-9292	WALWORTH	315-624-2771	BROCKPORT	585-637-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-788-7295	BATH	607-776-4490
PENFIELD	585-586-2567	OGDEN	585-352-0460		

3/31/2016 9:59:58AM Stone - Walworth
 Customer: 991025 RICCELLI ENTERPRISES
 Order: 0
 P.O.:

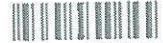
Product: 00003 CR-2" 19.56 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle:	59RE	RICCELLI #	59	2	40.05

Received *[Signature]*

	Pounds	Tons
Gross	70,540	35.27
Tare	31,420	15.71
Net	39,120	19.56
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	228.85	Loads: 11
Todate:	6,093.09	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



MAIN OFFICE 1150 PENFIELD RD.
ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2774	BROCKPORT	585-837-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-824-2430	LEROY	585-768-7295	BATH	607-775-4480
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

194915

3/31/2016 10:00:55AM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES
Order : 0
P.O. :

Product : 00003 CR-2" 21.27 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	331R	Riccelli 12 Pete #331		2	42.53

Received 

	Pounds	Tons
Gross	71,460	35.73
Tare	28,920	14.46
Net	42,540	21.27
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	250.12	Loads: 12
Todate:	6,114.36	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS, TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-837-6834
MANCHESTER	315-482-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-824-2430	LEROY	585-768-7295	BATH	607-778-4450
PENFIELD	585-586-2567	OGDEN	585-352-0480		

Ticket No.:
COPY 2

194925

3/31/2016 10:16:44AM Stone - Walworth
Customer: 991025 RICCELLI ENTERPRISES

Order: 0

P.O.:

Product:	00003	CR-2"	22.15 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
Vehicle:	11RE	Riccelli 05 International	3	Daily Total	63.15

Received **B**

	Pounds	Tons
Gross	72,360	36.18
Tare	28,060	14.03
Net	44,300	22.15

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	272.27	Loads: 13
Todate:	6,136.51	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER



ROCHESTER, NY 14625 585-361-7010

GATES 585-235-8292	WALWORTH 315-524-2771	BROCKPORT 585-837-6834
MANCHESTER 315-462-2752	PALMYRA 315-331-2360	HOWARD 607-566-3422
MENDON 585-624-2430	LEROY 585-788-7295	BATH 607-776-4460
PENFIELD 585-586-2567	OGDEN 585-352-0460	

Ticket No.:
COPY 2

194926

3/31/2016 10:17:56AM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :
 Product : 00003 CR-2" 19.97 TON

	Pounds	Tons
Gross	69,880	34.94
Tare	29,940	14.97
Net	39,940	19.97

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 51RE RICCELLI 06 FREIG 3 61.93

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	292.24 Loads: 14
Todate:	6,156.48

Received 

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-768-7285	BATH	607-778-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194931

3/31/2016 10:34:52AM Stone - Walworth
Customer: 991025 RICCELLI ENTERPRISES

Order: 0

P.O.:

Product:	00003	CR-2"	21.19	TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	

		<u>Vehicle Loads</u>	<u>Daily Total</u>	
Vehicle:	13RE	RICCELLI # 13 05 INTER	3	63.36

	<u>Pounds</u>	<u>Tons</u>
Gross	70,280	35.14
Tare	27,900	13.95
Net	42,380	21.19

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	313.43	Loads: 15
Todate:	6,177.67	

Received *[Signature]*

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-778-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194943

3/31/2016 11:15:03AM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

	Pounds	Tons
Gross	71,580	35.79
Tare	28,360	14.18
Net	43,220	21.61

Product :	00003	CR-2"	21.61 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	RI15	Riccelli #15 05 Inter		3	64.02

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	335.04	Loads: 16
Todate:	6,199.28	

Received 

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2380	HOWARD	607-566-2422
MENDON	585-824-2430	LEROY	585-758-7295	BATH	607-775-4480
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

194944

3/31/2016 11:16:02AM Stone - Walworth
 Customer: 991025 RICCELLI ENTERPRISES
 Order: 0
 P.O.:

Product: 00003 CR-2^{II} 19.35 TON

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle: 59RE RICCELLI # 59 3 59.40

Received *Paul H. O...*

	Pounds	Tons
Gross	70,120	35.06
Tare	31,420	15.71
Net	38,700	19.35
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	354.39	Loads: 17
Todate:	6,218.63	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



MAIN OFFICE 1150 PENFIELD RD.
ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 3

194948

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-768-7265	BATH	607-776-4480
PENFIELD	585-586-2667	OGDEN	585-352-0460		

3/31/2016 11:23:49AM Stone - Walworth
Customer: 991025 RICCELLI ENTERPRISES
Order: 0
P.O.:

	Pounds	Tons
Gross	70,140	35.07
Tare	28,920	14.46
Net	41,220	20.61

Product: 00003 CR-2" 20.61 TON

Deliver To Matrix Tax Status EX Haul Code IX
5402 Zone
Units
Vehicle Loads Daily Total
Vehicle: 331R Riccelli 12 Pete #331 3 63.14

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today: 375.00 Loads:	18
Todate: 6,239.24	

Received 

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES 585-235-9292	WALWORTH 315-524-2771	BROCKPORT 585-837-8834
MANCHESTER 315-462-2752	PALMYRA 315-331-2360	HOWARD 607-566-3422
MENDON 585-624-2430	LEROY 585-768-7296	BATH 607-776-3480
PENFIELD 585-586-2567	OGDEN 585-352-0480	

Ticket No.:
COPY 2

194951

3/31/2016 11:28:05AM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES

Order : 0

P.O. :

Product :	00003	CR-2"	21.70 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				<u>Vehicle Loads</u>	<u>Daily Total</u>
Vehicle	11RE	Riccelli 05 International		4	84.85

Received

B

	Pounds	Tons
Gross	71,460	35.73
Tare	28,060	14.03
Net	43,400	21.70

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	396.70	Loads: 19
Todate:	6,260.94	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9262	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-482-2752	PALMYRA	315-331-2360	HOWARD	607-586-3422
MENDON	585-524-2430	LERCY	585-788-7285	BATH	607-776-4460
PENFIELD	585-589-2587	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194952

3/31/2016 11:29:48AM Stone - Walworth
Customer : 991025 RICELLI ENTERPRISES
Order : 0
P.O. :

Product :	00003	CR-2"	20.88 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
Vehicle :	51RE	RICELLI 06 FREIG		4	82.81

	Pounds	Tons
Gross	71,700	35.85
Tare	29,940	14.97
Net	41,760	20.88

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	417.58 Loads: 20
Todate:	6,281.82

Received

Weightmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-482-2752	PALMYRA	315-331-2360	HOWARD	607-586-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-776-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194958

3/31/2016 11:56:12AM Stone - Waiworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

	Pounds	Tons
Gross	69,560	34.78
Tare	27,900	13.95
Net	41,660	20.83

Product :	00003	CR-2"	20.83	TON
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Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	438.41	Loads: 21
Todate:	6,302.65	

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	13RE	RICCELLI # 13 05 INTER		4	84.19

Received *[Signature]*

Weighmaster: Sam 500364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-837-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2380	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-766-7295	BATH	607-776-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194969

3/31/2016 12:23:45PM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES

Order : 0

P.O. :

Product :	00003	CR-2"	20.60	TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	

		<u>Vehicle Loads</u>	<u>Daily Total</u>
Vehicle :	RI15	Riccelli #15 05 Inter	4 84.62

Received

	Pounds	Tons
Gross	69,560	34.78
Tare	28,360	14.18
Net	41,200	20.60

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	459.01	Loads: 22
Todate:	6,323.25	

Welghmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER



ROCHESTER, NY 14625 585-351-7010

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-788-7295	BATH	607-776-4480
PENFIELD	585-588-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

194971

3/31/2016 12:27:29PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product :	00003	CR-2"	19.26 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	59RE	RICCELLI # 59		4	78.66

	Pounds	Tons
Gross	69,940	34.97
Tare	31,420	15.71
Net	38,520	19.26

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	478.27	Loads: 23
Todate:	6,342.51	

Received *Paul Kelly*

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



MAIN OFFICE 110 PENFIELD RD.
ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 3

194972

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-837-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2380	HOWARD	607-566-3422
MENDON	585-824-2430	LEROY	585-768-7295	BATH	607-778-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

3/31/2016 12:29:21PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product :	00003	CR-2"	21.20 TON
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Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	331R	Riccelli 12 Pete #331		4	84.34

Received 

	Pounds	Tons
Gross	71,320	35.66
Tare	28,920	14.46
Net	42,400	21.20
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	499.47	Loads: 24
Todate:	6,363.71	

Weighmaster: Sam 600364



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ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-837-8834
MANCHESTER	315-462-2752	PALMYRA	315-631-2360	HOWARD	607-588-3422
MENDON	585-624-2430	LERCY	585-768-7295	BATH	607-776-4460
PENFIELD	585-588-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194973

3/31/2016 12:31:54PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :
 Product : 00003 CR-2" 21.88 TON

	Pounds	Tons
Gross	71,820	35.91
Tare	28,060	14.03
Net	43,760	21.88

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 11RE Riccelli 05 International 5 106.73

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	521.35 Loads: 25
Todate:	6,385.59

Received *B*

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 2

194975

GATES	585-235-8292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-931-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-776-4460
PENFIELD	585-588-2567	OGDEN	585-352-0480		

3/31/2016 12:53:31PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

	Pounds	Tons
Gross	70,800	35.40
Tare	29,940	14.97
Net	40,860	20.43

Product : 00003 CR-2" 20.43 TON

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 51RE RICCELLI 06 FREIG 5 103.24

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	541.78 Loads: 26
Todate:	6,406.02

Received

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-452-2752	PALMYRA	315-331-2380	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-768-7285	BATH	607-778-4460
PENFIELD	585-586-2567	OGDEN	585-352-0450		

Ticket No.:
COPY 2

194983

3/31/2016 1:16:07PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

	Pounds	Tons
Gross	71,060	35.53
Tare	27,900	13.95
Net	43,160	21.58

Product : 00003 CR-2" 21.58 TON

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 13RE RICCELLI # 13 05 INTER 5 105.77

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	563.36 Loads: 27
Todate:	6,427.60

Received *and on*

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-482-2752	PALMYRA	315-931-2350	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-788-7285	BATH	607-776-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

194986

3/31/2016 1:39:48PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :

Product: 00003 CR-2" 20.31 TON

Deliver To Matrix Tax Status EX Haul Code IX
 5402 Zone
 Units
 Vehicle Loads Daily Total
 Vehicle : 59RE RICCELLI # 59 5 98.97

Received *Riccelli*

	Pounds	Tons
Gross	72,040	36.02
Tare	31,420	15.71
Net	40,620	20.31

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today: 583.67 Loads:	28
Todate: 6,447.91	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



MAIN OFFICE 1150 PENFIELD RD.
ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 3

194987

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-568-3422
MENDON	585-624-2430	LEROY	585-768-7285	BATH	607-778-4460
PENFIELD	585-588-2567	OGDEN	585-352-0460		

3/31/2016 1:41:42PM Stone - Walworth
Customer: 991025 RICCELLI ENTERPRISES
Order: 0
P.O.:

Product: 00003 CR-2" 20.99 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle:	331R	Riccelli 12 Pete #331		5	105.33

	Pounds	Tons
Gross	70,900	35.45
Tare	28,920	14.46
Net	41,980	20.99
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	604.66	Loads: 29
Todate:	6,468.90	

Received

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS, TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-778-4480
PENFIELD	585-588-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 2

194988

3/31/2016 1:44:08PM Stone - Walworth
 Customer : 991025 RICCELLI ENTERPRISES
 Order : 0
 P.O. :
 Product : 00003 CR-2" 20.76 TON

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
Vehicle :	RI15	Riccelli #15 05 Inter		5	105.38

	<u>Pounds</u>	<u>Tons</u>
Gross	69,880	34.94
Tare	28,360	14.18
Net	41,520	20.76

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	625.42 Loads: 30
Todate:	6,489.66

Received

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES 585-235-9292	WALWORTH 315-524-2771	BROCKPORT 585-837-8834
MANCHESTER 315-462-2752	PALMYRA 315-331-2360	HOWARD 607-568-3422
MENDON 585-624-2430	LEROY 585-769-7295	BATH 607-776-4460
PENFIELD 585-588-2567	OGDEN 585-352-0460	

Ticket No.:
COPY 2

194989

3/31/2016 1:47:26PM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES

Order : 0

P.O. :

Product :	00003	CR-2"	21.62 TON
-----------	-------	-------	-----------

Deliver To	Matrix	Tax Status EX	Haul Code IX
		5402	Zone
			Units
		Vehicle Loads	Daily Total
Vehicle :	11RE	Riccelli 05 International	6 128.35

Received

B

	Pounds	Tons
Gross	71,300	35.65
Tare	28,060	14.03
Net	43,240	21.62

Ordered	0.00
Received	0.00
Remaining	0.00
Total:	0.00
Grand Total:	0.00
Today:	647.04 Loads: 31
Todate:	6,511.28

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

Ticket No.:
COPY 2

194994

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-837-8834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-586-3422
MENDON	585-624-2430	LEROY	585-758-7295	BATH	607-776-4460
PENFIELD	585-588-2567	OGDEN	585-352-0460		

3/31/2016 2:25:59PM Stone - Walworth
Customer : 991025 RICCELLI ENTERPRISES

Order : 0

P.O. :

Product :	00003	CR-2"	21.10 TON
-----------	-------	-------	-----------

Deliver To	Matrix	Tax Status	EX	Haul Code	IX
		5402		Zone	
				Units	
				Vehicle Loads	Daily Total
Vehicle :	13RE	RICCELLI # 13 05 INTER	6		126.87

	Pounds	Tons
Gross	70,100	35.05
Tare	27,900	13.95
Net	42,200	21.10

Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	689.07	Loads: 33
Todate:	6,553.31	

Received *Min O'R*

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



ROCHESTER, NY 14625 585-381-7010

GATES	585-235-8292	WALWORTH	315-624-2771	BROCKPORT	585-637-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2380	HOWARD	607-566-3422
MENDON	585-624-2430	LEROY	585-768-7295	BATH	607-776-4460
PENFIELD	585-586-2567	OGDEN	585-352-0460		

Ticket No.:
COPY 3

195002

4/1/2016 7:18:40AM **Stone - Walworth**
 Customer: 991025 **RICELLI ENTERPRISES**
 Order: 0
 P.O.:

Product:

00003	CR-2"	21.67 TON
-------	-------	-----------

Deliver To Matrix Tax Status EX 5402 Haul Code IX Zone Units
 Vehicle: 360R Ricelli #360

Vehicle Loads	Daily Total
1	21.67

Received

	Pounds	Tons
Gross	72,820	36.41
Tare	29,480	14.74
Net	43,340	21.67
Ordered		0.00
Received		0.00
Remaining		0.00
Total:		0.00
Grand Total:		0.00
Today:	21.67	Loads: 1
Todate:	6,574.98	

Weighmaster: Sam 600364



IT IS THE RESPONSIBILITY OF EACH CUSTOMER, AND EACH DRIVER, HAULING PRODUCT FROM OUR FACILITY TO COMPLY WITH HIGHWAY LOAD LIMIT LAWS. TAX EXEMPTIONS, TAX JURISDICTIONS, AND SPECIAL TAX HANDLING NOT INCORPORATED INTO A SPECIFIC QUOTE OR REPORTED AT TIME OF TICKETING WILL BE THE CUSTOMER'S RESPONSIBILITY TO RESOLVE WITH THE TAXING JURISDICTIONS. PRICING ISSUES MUST BE REPORTED WITHIN 15 DAYS OF INVOICE DATE. CORRECTED INVOICES REMAIN DUE ON ORIGINAL DUE DATE. INCORPORATION OF THIS MATERIAL INTO A PROJECT SHALL BE CONSIDERED ACCEPTANCE BY THE CUSTOMER.



PRESS HARD WHEN WRITING 285 771

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 29 Mar 10

Charge To Bergmann Assoc.

Job Site W. Plymouth / E. Main St

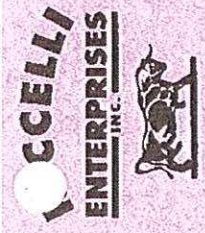
Truck No. 36 Driver H. Bennett Hours

Wgt. 22 Ton approx Yards --- Loads 9

Contractor's Signature [Signature]

IN	8:00	OUT	/	IN	/	OUT	3:45
A.M.						P.M.	

CONTRACTOR'S COPY



2244

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-29-10

Charge To Bergman Ass.

Job Site Elm St

Truck No. 78 Driver H. Bennett Hours

Wgt. --- Yards --- Loads 1111

Contractor's Signature [Signature]

IN	8:00	OUT	NO	IN	Lunch	OUT	3:00
A.M.						P.M.	

CONTRACTOR'S COPY



273303

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 29 10

Charge To Bergman Associates

Job Site From Plymouth To Main

Truck No. 12 Driver M. Burley Hours

Wgt. --- Yards --- Loads 9

Contractor's Signature [Signature]

IN	8:00	OUT	/	IN	/	OUT	3:45
A.M.						P.M.	

CONTRACTOR'S COPY



283508

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-29-10

Charge To Bergmann Associates City of Rochester

Job Site 1700 E Main Rochester NY

Truck No. 11 Driver Jones Hours

Wgt. --- Yards --- Loads 9

Contractor's Signature [Signature]

IN	8:00	OUT	---	IN	3:00	OUT	---
A.M.						P.M.	

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

283558

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-29-10

TRUCKER COPY

Charge To Bergman Associates City of Rochester

Job Site 1700 E Main St Rochester NY 7

Truck No. 11 Driver James Hours 3.667

Wgt. _____ Yards _____ Loads 9

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
8:00		3:00	

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

283559

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-30-10

TRUCKER COPY

Charge To Bergman Associates City of Rochester

Job Site 1700 E Main St Rochester NY

Truck No. 11 Driver _____ Hours 7.75

Wgt. _____ Yards _____ Loads 6

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:30			3:15



224446

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-27-10

TRUCKER COPY

Charge To Bergman Ass.

Job Site E. Main St.

Truck No. 78 Driver Howie 554 Hours 7

Wgt. 11000 Yards 1111 Loads 1111

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
8:00	NO	Lunch	3:00
1468206			



224447

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-30-10

TRUCKER COPY

Charge To Bergman Ass.

Job Site S. Plymouth Ave / E. Main St.

Truck No. 78 Driver Howie 554 Hours 6

Wgt. 11000 Yards 1111 Loads 1111

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
9:00	NO	Lunch	3:00
1468206			



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

28400

Date 3-30-10

Charge To Bergmann

Job Site S. Plymouth to Main St 9/14

Truck No. 30 Driver Dick Robertson

Wgt. Yards Loads 11111

Contractor's Signature *James H. Fuller*

IN	730	A.M.	OUT	IN	OUT	P.M.	OUT	795
----	-----	------	-----	----	-----	------	-----	-----



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

27300

Date 3 30 10

Charge To Bergman Associates

Job Site Plymouth + Main

Truck No. 12 Driver M. Marshall Barclay

Wgt. Yards Loads 6

Contractor's Signature *James H. Fuller*

IN	730	A.M.	OUT	IN	OUT	P.M.	OUT	300
----	-----	------	-----	----	-----	------	-----	-----



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

22400

Date 3-30-10

Charge To Bergman Ass.

Job Site S. Plymouth Ave / Elmwood St

Truck No. 78 Driver Bruce 534

Wgt. Yards Loads 111

Contractor's Signature *James H. Fuller*

IN	900	A.M.	OUT	IN	OUT	P.M.	OUT	3:00
----	-----	------	-----	----	-----	------	-----	------



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

283500

Date 3-30-10

Charge To Bergman Associates City of Rochester

Job Site 1700 Emans + Rochester NY

Truck No. 11 Driver James 266 Hours

Wgt. Yards Loads 6

Contractor's Signature *James H. Fuller*

IN	730	A.M.	OUT	IN	OUT	P.M.	OUT	3:15
----	-----	------	-----	----	-----	------	-----	------



273310

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 30 10

TRUCKER COPY

Charge To Bergman Associates

Job Site Plymouth + Main Hours 7.5

Truck No. 12 Driver Marshall Busby

Wgt. _____ Yards _____ Loads 6

Contractor's Signature James H. [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:30	/	/	3:00



273311

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 31 10

TRUCKER COPY

Charge To Bergman

Job Site Ply + Main Hours 7.25

Truck No. 12 Driver M Busby

Wgt. _____ Yards _____ Loads 8

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:45	/	/	2:55

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

224448

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-31-10

TRUCKER COPY

Charge To Bergman Ass.

Job Site S. Plymouth Ave / E. Main St.

Truck No. 78 Driver Howie 554 Hours 7

Wgt. _____ Yards _____ Loads |||||

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
7:30	NO	Lunch	2:30

**RICELLI
ENTERPRISES
INC.**



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

273309

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3 29 10

TRUCKER COPY

Charge To Bergman Associates

Job Site From Plymouth To Main

Truck No. 12 Driver W. Carley Hours 7.75

Wgt. _____ Yards _____ Loads 9

Contractor's Signature [Signature]

A.M.		P.M.	
IN	OUT	IN	OUT
8:00	—	—	3:45



283560

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-31-10

Charge To Bergman Associates

Job Site 1400 S. ...

Truck No. 11 Driver [Signature] Hours 7

Wgt. Yards Loads 9

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
5:00					3:00
1468206					

TRUCKER COPY



284066

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 3-30-10

Charge To Bergman

Job Site S. Plymouth to Main St 7/4

Truck No. 30 Driver Rick Robertson Hours 7/4

Wgt. Yards Loads |||||

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
7:30					2:45

TRUCKER COPY

RICELLI ENTERPRISES INC.



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

284068

Date 3-31-10

Charge To Bergmann

Job Site S. Plymouth to Main St

Truck No. 30 Driver Rick Hours 7 hrs

Wgt. _____ Yards _____ Loads |||||

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
730					730

TRUCKER COPY

RICELLI ENTERPRISES INC.



PRESS HARD WHEN WRITING

2890771

Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

Date 29 Mar 10

Charge To Bergmann Assoc.

Job Site S. Plymouth / E. Main St

Truck No. 36 Driver H. Bannan Hours 7.75

Wgt. (22TON approx) Yards _____ Loads ||||| 9

Contractor's Signature [Signature]

IN	A.M.	OUT	IN	P.M.	OUT
8:00					3:45

OFFICE COPY 2



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

273311

Date 3 31 10

Charge To Bergman
Job Site Plymouth & Main
Truck No. 12 Driver M. Burley
Wgt. Yards Loads 8

Contractor's Signature J.D.S.
A.M. IN 7:45 OUT 1 P.M. IN 1 OUT 2:55



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

284008

Date 3-31-10

Charge To Bergman
Job Site S. Plymouth to Main St
Truck No. 30 Driver Rick
Wgt. Yards Loads ~~11~~ 11

Contractor's Signature J.D.S.
A.M. IN 7:30 OUT [] P.M. IN [] OUT 2:30



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 334-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

283500

Date 3-31-10

Charge To Bergman Associates city of Rochester
Job Site 1700 E Main & Rock NY
Truck No. 11 Driver James S. [] Hours

Contractor's Signature J.D.S.
A.M. IN 8:00 OUT [] P.M. IN [] OUT 3:00



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

224000

Date 3-31-10

Charge To Bergman Ass.
Job Site S. Plymouth Ave. / E. Main St.
Truck No. 78 Driver Howard 55H
Wgt. Yards Loads ~~11~~ 11

Contractor's Signature J.D.S.
A.M. IN 7:30 OUT NO P.M. IN Lunch OUT 2:30

DOLOMITE PRODUCTS COMPANY, INC
 MANITOU CONSTRUCTION COMPANY, INC
 ROCHESTER ASPHALT MATERIALS
 IROQUOIS ROCK PRODUCTS
 NORTHRUP MATERIALS



1150 Penfield Road
 Rochester, N.Y. 14625
 Phone: (585) 381-7010
 Fax : (585) 381-0208

DATE: March 10, 2016
 PAGE: 1
 E-MAIL: wendy@gattiplumbing.com

TO: Jon Gatti
 OF: Gatti Plumbing

PROJECT: 1200 E. Main Street {City of Rochester}

CRUSHED STONE: Gates Plant

NYSDOT Source #: 4-6R
Current NYSDOT Test #: 99 AR 55S

This is to certify that the Crushed Stone to be used on the above referenced project will be produced in accordance with the most current New York State Department of Transportation's, "Standard Specifications" and Addenda. All stone properties conform to sections 703.0201, 203, 304, 605 and 620 of the Specification. Specific values are listed below.

PROPERTY	VALUE	SPEC.
Mag. Sulfate Loss	13	18 max.
ASTM C 131 Loss	20	45 max.
Flat and Elongated Pieces - 3:1	1	30 max.
5:1	0	10 max.
Crushed Particles	100	n.a.
Deleterious Materials	0	2 max.

TYPICAL GRADATIONS (All Values are % Passing)						
SIEVE SIZE	CRUSHER RUN #2	CRUSHER RUN #1	#2 STONE	#1 and #2 MIXTURE	WASHED 2 STONE	WASHED 1 STONE
4" (100 mm)						
3" (75)						
2" (50)	100					
1 1/2" (37.5)	93		100		100	
1" (25)	87	100	96	100	96	
1/2" (12.5)	73		15	54	13	100
1/4" (6.3)	54	54	2	6	1	91
#40 (0.425)	13	15				
#200 (0.075)	7	6.7	0.3	0.3	0.3	0.8
Typical Item Numbers	203.____ 304.____		605.0901		623.12 CA 2 ASTM 57	605.1001

LIGHT STONE FILL		
SIZE	VALUE	SPEC
Lighter Than 100 Lbs.	100	90 - 100
Larger Than 6"	55	50 - 100
Smaller Than 1/2"	8	0 - 10

Notes:
 1) Proctor Density typically runs at approx 142 +/-2 pcf at 6-8% Moisture.(For Crusher Run products only)
 2) Medium and Heavy Stone Fill Items are selected at time of purchase to satisfy project requirements.

Signed By: Cynthia Miceli

Cynthia Miceli Admin. Assist. (Sales)

Cheremeteff, Ariadna

From: Theobald, Charlotte B (DEC) <charlotte.theobald@dec.ny.gov>
Sent: Monday, March 21, 2016 1:47 PM
To: Steven Marchetti
Cc: DeMeo, Stephen
Subject: RE: Sive analysis for 1200 E main, Rochester, NY

Steven:

Based on the documentation provided from The Dolomite Group - Walworth Plant, the Department approves the use of Crusher Run #1, Crusher Run #2, #2 Stone, and #1 & #2 Mix meet the DER-10 requirements for the 1200 East Main Street Site (B00129).

Best Regards,
Charlotte

From: Steven Marchetti [mailto:smarchetti@matrixbiotech.com]
Sent: Monday, March 21, 2016 1:40 PM
To: Theobald, Charlotte B (DEC)
Cc: Demeo, Stephen (THRUWAY)
Subject: Fwd: Sive analysis for 1200 E main, Rochester, NY

Charlotte:

Spec sheet for your review and approval. Do we have approval to use #2 crushed stone at this site?

Thanks

Begin forwarded message:

From: Tony Alu <tonyalu@riccellienterprises.com>
Date: March 18, 2016 at 1:47:07 PM EDT
To: 'Steven Marchetti' <smarchetti@matrixbiotech.com>
Cc: Tony Alu <tonyalu@riccellienterprises.com>
Subject: RE: Sive analysis for 1200 E main, Rochester, NY

Steve,

Please see attached quote and material submittal per your request. Thank you! Tony

Tony Alu
Vice President - Sales & Client Management
Riccelli Enterprises, Inc.
Physical Address: 6800 W. Henrietta Rd.
Rush, NY 14543
585-334-8410 ext 304 Office
585-370-0331 Mobile
585-334-8425 Fax

tonyalu@riccellienterprises.com
www.riccellienterprises.com

Please consider the environment before printing this email.

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From: Steven Marchetti [<mailto:smarchetti@matrixbiotech.com>]
Sent: Friday, March 18, 2016 9:16 AM
To: Tony Alu
Subject: FW: Sive analysis for 1200 E main, Rochester, NY

Tony:

We are going to need some gravel backfill at the site reference above. Because of CP-51 we are limited to the quarries we use. We also need to show product sheets with the sieve analysis. Can I get a cost for delivery and product of #2 crusher run from the Dolomite Quarry. Can you also provide the following product sheet listed below. We have a product sheet but it does not show analysis using an 80 sieve.

Thanks for the help. It will be about 800 tons of stone being hauled to 1200 E Main street, Rochester

Steve

-----Original Message-----

From: Theobald, Charlotte B (DEC) [<mailto:charlotte.theobald@dec.ny.gov>]
Sent: Tuesday, March 15, 2016 2:31 PM
To: Steven Marchetti <smarchetti@matrixbiotech.com>
Cc: Demeo, Stephen (THRUWAY) <sdemeo@bergmannpc.com>
Subject: RE: Sive analysis for 1200 main

Steve & Steve:

Dolomite needs to provide you a product sheet that shows the 80 sieve analysis for crusher #2. They can do it and they have for other projects of mine. The document show that it passes the 40 and 200 but I need documentation that it passes the 80.

Charlotte

-----Original Message-----

From: Steven Marchetti [<mailto:smarchetti@matrixbiotech.com>]
Sent: Tuesday, March 15, 2016 2:24 PM
To: Theobald, Charlotte B (DEC)
Cc: Demeo, Stephen (THRUWAY)
Subject: Sive analysis for 1200 main

Steve asked me to send this to you. We are proposing crusher #2. Results show it passing the #40 sieve and #200 sieve. Please let us know if we have approval to backfill. Thanks!!!



APPENDIX 14
SITE MANAGEMENT PLAN (CD)



APPENDIX 15
OPERATION & MAINTENANCE PLANS
15a – O2 SYSTEM
15b – VEGE SYSTEM

Operation & Maintenance of the Oxygen Injection System

Site visits for routine O&M and optimization of the oxygen injection (O₂) system will be completed monthly. Equipment inspection and maintenance will be completed quarterly, or more frequently as needed. A site-specific Oxygen Injection System Evaluation Sheet for recording data field and system operating data is attached.

Performance monitoring goals include:

- Operate the oxygen injection system with a minimum up time of 90%.
- Produce high purity oxygen gas (>85%).
- Pulse inject the oxygen gas at optimized flow rates and frequencies resulting in DO at saturation (30-40 mg/L) in the nine injection wells (IP-1 to IP-9).
- Increase dissolved oxygen concentrations in the plume to a minimum of 5 mg/L and target of 10 mg/L to create aerobic conditions to optimize biodegradation.
- Change the groundwater conditions from reducing to oxidizing and from oxygen limiting to contaminant limiting.

Start Up of the Kaeser Rotary Screw Compressor Package

Please refer to Section 2A, Chapter 8, page 27 of this manual for the detailed Kaeser compressor start up procedures. A brief description is provided here but the Kaeser manual should be reviewed and completely understood before operating the system. Identify the EMERGENCY STOP pushbutton on the compressor. This feature will immediately shut down the compressor in the event of an emergency. **Warning, the EMERGENCY STOP pushbutton does not terminate voltage to the compressor. Caution, before servicing the compressor, the breaker for the compressor must be in the OFF position in accordance with applicable lock out/tag out procedures per OSHA CFR 29 1910.147.**

The compressor should always be switched ON and OFF using keys 1 and 2 on the control panel (Sigma PLC). Do not use the breaker for turning the compressor on and off. Press the ON key and the compressor status will be displayed. The compressor can start at any moment.

Please refer to Section 2D, Chapter 8 of this manual for the detailed Kaeser air dryer start up procedures. Rotate the control switch to the ON position. Open the ball valve located between the compressor and wall mounted filter assembly. The compressor will load the tank to a pressure of approximately 100 PSI as displayed on the control panel.

Start Up of the AirSep PSA Oxygen Generator

Please refer to Section 2G Chapter 5 of this manual for the detailed AirSep PSA oxygen generator start up procedures. The AirSep manual provides instruction for the various models of oxygen generators. The start up and operating procedures are the same for all models. However, please refer to the AS-80/AS-D specifications for parts and service that apply to this system.

Turn the PSA ON/OFF switch to the ON position and the Auto/Manual switch to the AUTO position. Air will exhaust from the filter drain port. The PSA will cycle at a pressure of approximately 70 PSI as shown on the cycle pressure gauge. The PSA is self-regulated and will not operate without compressed air. Oxygen production will continue until the oxygen receiver (120-gallon tank) pressure rises to approximately 58 PSI. The compressor and PSA will automatically enter a resting mode and will not restart until the pressure drops in the oxygen receiver tank.

Start Up of the Oxygen Delivery System

The regulator on the oxygen receiver tank has been factory adjusted to provide sufficient pressure to the injection points without over pressurizing the oxygen delivery manifold. Adjusting this regulator is not advised. Once the oxygen receiver is full and the system is in a resting mode, open the ball valve on the oxygen receiver tank. A mechanical timer operates each bank of injection points by opening a normally closed solenoid valve. The injection cycles have been pre-set at the factory and should only be changed after consulting with a Matrix Environmental technician. Improperly set injection cycles can result in excessive motor starts on the compressor and shorten the maintenance intervals on the equipment. The normalized oxygen output (total cubic feet per hour, not flow meter rates) should never exceed 60 SCFH. Exceeding this output rate will accelerate equipment wear and may result in low oxygen output pressure.

Allow each timer to run through a complete cycle and adjust the Dwyer flow meters to 30 SCFH or other pre-determined per point flow rate. Adjusting the flow meters at each site visit is standard. Rising pressure at the delivery manifold is an indication of silt buildup in the injection points. The points should be cleared when oxygen flow decreases to 10 SCFH or pressure exceeds 15 PSI (or sooner if desired).

The oxygen injection system is now ready for unattended operation. It is strongly suggested that several complete run cycles be supervised before leaving the site. Do not forget to set the thermostat on the heater and verify that the roof-mounted ventilator is operational. Also inspect the air inlet filters on the doors of the trailer and clean or replace when dirty.

Routine O&M

The oxygen injection system will be checked at least monthly by a qualified technician to record operating parameters and perform routine maintenance. Once each month the technician will collect performance data, which includes DO and ORP readings at each injection point and designated monitoring wells. Adjustments to the injection point flow rates, and the duration and/or frequency of injection cycles, will be made to optimize oxygen transfer to groundwater and DO dispersion from the injection points. The flow meters are adjusted to the optimized flow rate during each site check and the injection points cleared as needed. At startup the flow meters will be set to 30 SCFH and injection duration at 10 minutes per bank. Based on the depth of the injection wells below the water table and friction loss through the oxygen delivery system, the points will operate at a normal pressure of 5 PSI (± 2). Variations in pressure are normal based on the groundwater elevation, length of tubing, backpressure from the formation and accumulation of fines in the injection points. It is recommended to develop the injection points, using air lifting or bailing, more frequently during the first several months of operation.

Routine maintenance is performed on the compressor and oxygen generator as detailed below. An Operation and Maintenance Manual is located in the trailer specifically describing the maintenance required on each component based on the running hours incurred for each particular component. Maintenance typically consists of changing oil and various filters, adjusting belt tension and inspecting components for wear.

Upon each inspection/site visit, the following tasks will be performed:

- Perform general inspection of trailer/structure for unanticipated leaks, noises, observations that may indicate concerns
- Inspect HVAC units for proper operation and settings
- Check and adjust flow meters – operate points manually to check flow and pressures, adjust as necessary
- Check pressures on oxygen generator
 - Incoming pressure – between 90 – 120 psi
 - Cycle pressure – approximately 75 psi
 - Oxygen receiver pressure – shut down target pressure – between 58 – 60 psi
- Check the cooling oil level on Kaeser Compressor
- Check the cooler filter mat on Kaeser Compressor
- Ensure automatic drain on oxygen generator functions properly (very important)
- Inspect wall filters (KRO [water separator] and KPF [particulate filter])

Monthly inspection (in addition to above actions):

- Check the air filter and change the air filter element (if necessary) on Kaeser Compressor
- Maintain the drive belts on Kaeser Compressor
- Change the cooler filter mat on Kaeser Compressor
- Monthly (at minimum) – check oxygen purity on full tank

Yearly inspection (in addition to above actions):

- Change the oil filter on Kaeser Compressor
- Change the cooling oil on Kaeser Compressor (assumes a synthetic lubricant (oil) is being used in the compressor. Change after first year of operation, then every 2 years. [Cooling oil changes will be different if non-synthetic oil is used.]
- Check that all electrical connections are tight on Kaeser Compressor
- Check performance of automatic valves and actuators on oxygen generator
- Clean and lubricate feed air regulator on oxygen generator
- Clean bowls and replace both particulate and coalescing filters on oxygen generator
- Replace wall filters (KRO and KPF filters)

Two-year inspection (in addition to above actions):

- Change the oil separator cartridge on Kaeser Compressor

- Check the pressure relief valve on Kaeser Compressor
- Replace the drive belt on Kaeser Compressor
- Replace filter on Air Dryer every two years or whenever main service for compressor is performed

O2 INJECTION WELL

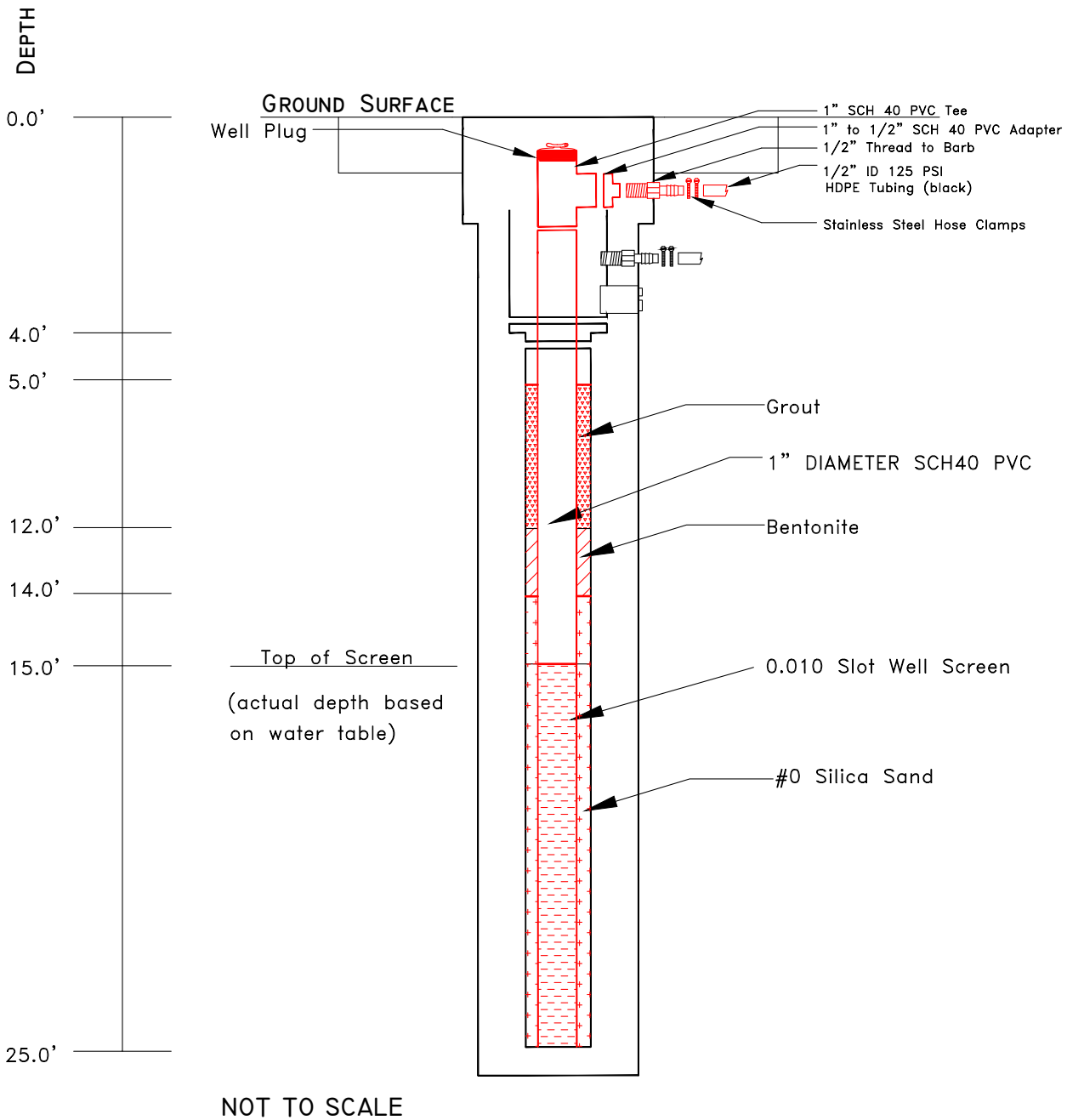


FIGURE 1A
O2 INJECTION
WELL DETAIL

Operation & Maintenance of VEGE System

Activation of the vacuum enhanced groundwater extraction (VEGE) system will consist of testing and monitoring all of the electrical and mechanical components until the system is operating within a defined set of parameters. The pneumatic pumps in RW-1 to RW-9 will be brought on line one at a time and allowed to cycle before vacuum is applied to the wells. The discharge lines associated with the submersible pumps will be equipped with valves to regulate the flow into the treatment system to less than 50 GPM. After the wells have cycled and the system is operating under steady conditions, it is expected that the sustained hydraulic flow of the system will be less than 15 GPM. Reaching this condition is site specific and can take several days. Seasonal changes in the flow to the system are expected and thus the system is sized to handle peak flow rates.

This sequential startup procedure will be observed each time that the system is restarted to prevent overloading the treatment system. The system will be checked on a weekly basis by a qualified technician to record operating parameters, perform routine maintenance and collect compliance data as required for the discharge of air and groundwater.

To evaluate system operation and quantify hydrocarbon recovery, monthly groundwater influent (pre-treatment) and effluent (post-treatment) samples will be collected and submitted for VOC analysis using EPA Method 8260 STARS. Air samples will be collected for laboratory analysis, for BTEX and gasoline range organics-total petroleum hydrocarbons (GRO-TPH) using EPA Method TO-3, from the carbon influent (pre-carbon), between the carbon vessels (mid-carbon) and the final effluent (post-carbon). Liquid levels will be gauged in the recovery wells and Site monitoring wells on at least a monthly basis (more frequently during startup) to measure LNAPL (if any) and drawdown of the piezometric surface. Well head vacuum readings will also be measured in monitoring wells to evaluate vacuum influence in the subsurface. This data will be used to optimize the remedial system operation.

It is expected that the VEGE system will be in operation until LNAPL is no longer measurable on the water table and dissolved phase VOCs are significantly reduced. Operation of the SVE system will not be required during the VEGE phase of remediation.

The remediation equipment will be inspected and maintained as recommended by the manufacturers and described in the Operation and Maintenance (O&M) manual, which will be located in the trailer along with the site-specific Health and Safety Plan (HASP). Daily site visits will be completed during the first week of operation to optimize recovery of LNAPL, collect performance data and insure reliable operation of the system. A site-specific VEGE system evaluation form is included.

Once the system is operating reliably, site visits will be reduced to weekly for three months and twice per month thereafter. During these site visits the carbon vessels will be monitored for VOC breakthrough with PID measurements, visually inspected and changed if necessary.

Data collected during site visits will include the following:

- Depth to groundwater and LNAPL thickness from all wells;
- Cumulative and real time flow rates from all recovery wells and the combined influent flow;
- LNAPL thickness in oil-water separator and drum;
- Gauge readings from the air compressor, air stripper blower and transfer pumps;
- PID measurement from the vacuum enhancement blower, pre-carbon, mid-carbon and post-carbon;
- Vacuum measurements from the blower and select monitoring wells (at well head);
- Equipment maintenance performed during the visit;
- Individual PID leg test (as needed) to balance system;
- On a quarterly basis the air stripper and all down well extraction pumps will be inspected and cleaned, if necessary.

Liquid from the blower knockout will be transferred to the oil-water separator as needed. LNAPL from the oil-water separator will automatically drain into a DOT rated 55 gallon drum for future off-site disposal.

Routine maintenance is performed on the compressed air system as detailed below. Upon each inspection/site visit, the following tasks will be performed:

- Perform general inspection of trailer/structure for unanticipated leaks, noises, observations that may indicate concerns
- Inspect HVAC units for proper operation and settings

- Check the cooling oil level on Kaeser Compressor
- Check the cooler filter mat on Kaeser Compressor
- Inspect wall filters (KRO [water separator] and KPF [particulate filter])

The following maintenance tasks will be performed on the compressor on a monthly basis:

- Check the air filter and change the air filter element (if necessary)
- Maintain the drive belts
- Change the cooler filter mat

During the first year or as needed, the following maintenance tasks will be performed on the compressor:

- Change the oil filter
- Change the cooling oil (assumes a synthetic lubricant (oil) is being used in the compressor). Change after first year of operation, then every 2 years. Note: cooling oil changes will be different if non-synthetic oil is used.
- Check that all electrical connections are tight

Two year inspection (in addition to above actions):

- Change the oil separator cartridge on compressor
- Check the pressure relief valve on compressor
- Replace the drive belt on compressor
- Replace filter on air dryer every two years or whenever main service for compressor is performed.

Treated water discharge sampling, including the frequency and analytical method, will be based on the permit requirements for Monroe County Pure Waters. More frequent sampling may be required during the first days/weeks following startup. Monthly discharge sampling and reporting of totals gallons discharged is a normal permit requirement. Monthly water sampling will include the air stripper influent and effluent for analysis for BTEX and MTBE using EPA Method 624. The air stripper effluent will also be analyzed for PAHs using EPA Method 625. The analytical results will be used to calculate mass of VOCs recovered from groundwater, air discharge rates and for compliance with the discharge permit.

To calculate the mass of VOCs removed as vapor, monthly air samples will be collected using a Tedlar bag before carbon treatment and analyzed for BTEX via EPA Method TO-3. Total

contaminant recovery from the site will include calculations for aqueous and vapor phase, plus volume of LNAPL recovered, if any.

**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



REVISIONS

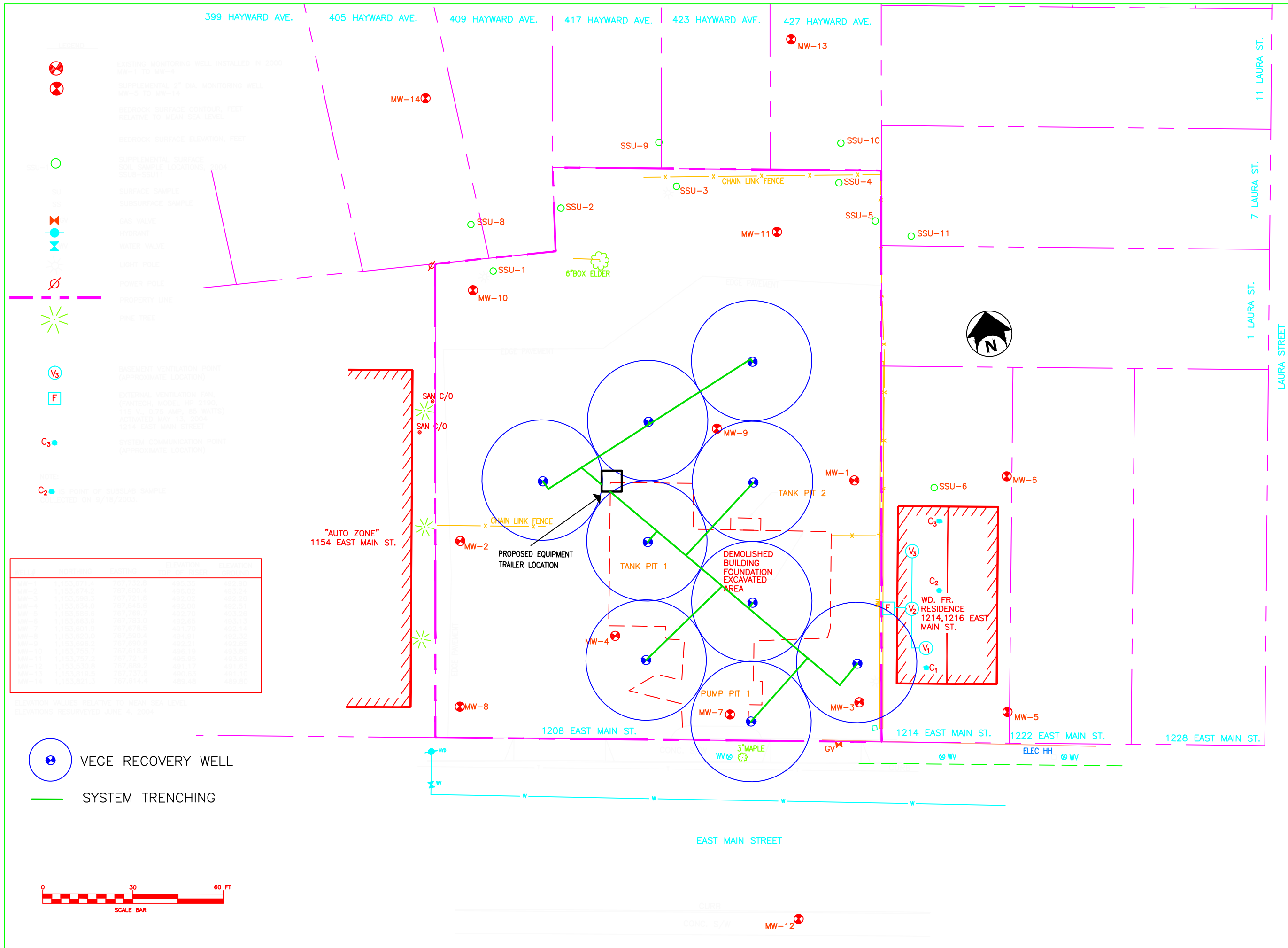
NO.	DATE	DESCRIPTION	REV.	CK'D

NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**FIGURE 2
 VEGE RECOVERY WELL
 AND TRENCHING
 LAYOUT**

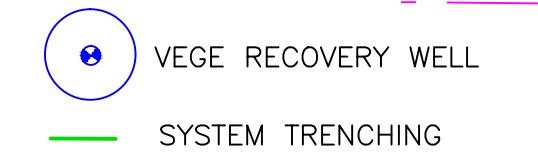
Project Manager:
 GF
 Designed by:
 EJU
 Drawn by:
 TSB
 Checked by:
 GF
 Date Issued:
 SEPTEMBER 30, 2005
 Scale:
 AS SHOWN

Project Number: 4453.03 File Name: I:\SUREN\MAIN\FIG\FIG21.DWG
 Drawing Number:



WELL NO.	MONITORING COORDINATE	ELEVATION	WELL NO.	MONITORING COORDINATE	ELEVATION
MW-1	1153.8714	787.732.8	MW-10	1153.755.7	787.818.8
MW-2	1153.8714	787.800.4	MW-11	1153.757.2	787.721.8
MW-3	1153.8714	787.721.8	MW-12	1153.818.8	787.882.2
MW-4	1153.8714	787.843.2	MW-13	1153.818.8	787.737.8
MW-5	1153.8714	787.843.2	MW-14	1153.821.3	787.814.4
MW-6	1153.8714	787.793.7			
MW-7	1153.8714	787.793.7			
MW-8	1153.8714	787.878.0			
MW-9	1153.8714	787.878.0			

ELEVATION VALUES RELATIVE TO MEAN SEA LEVEL.
 ELEVATIONS REQUESTED JUNE 6, 2004.



**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



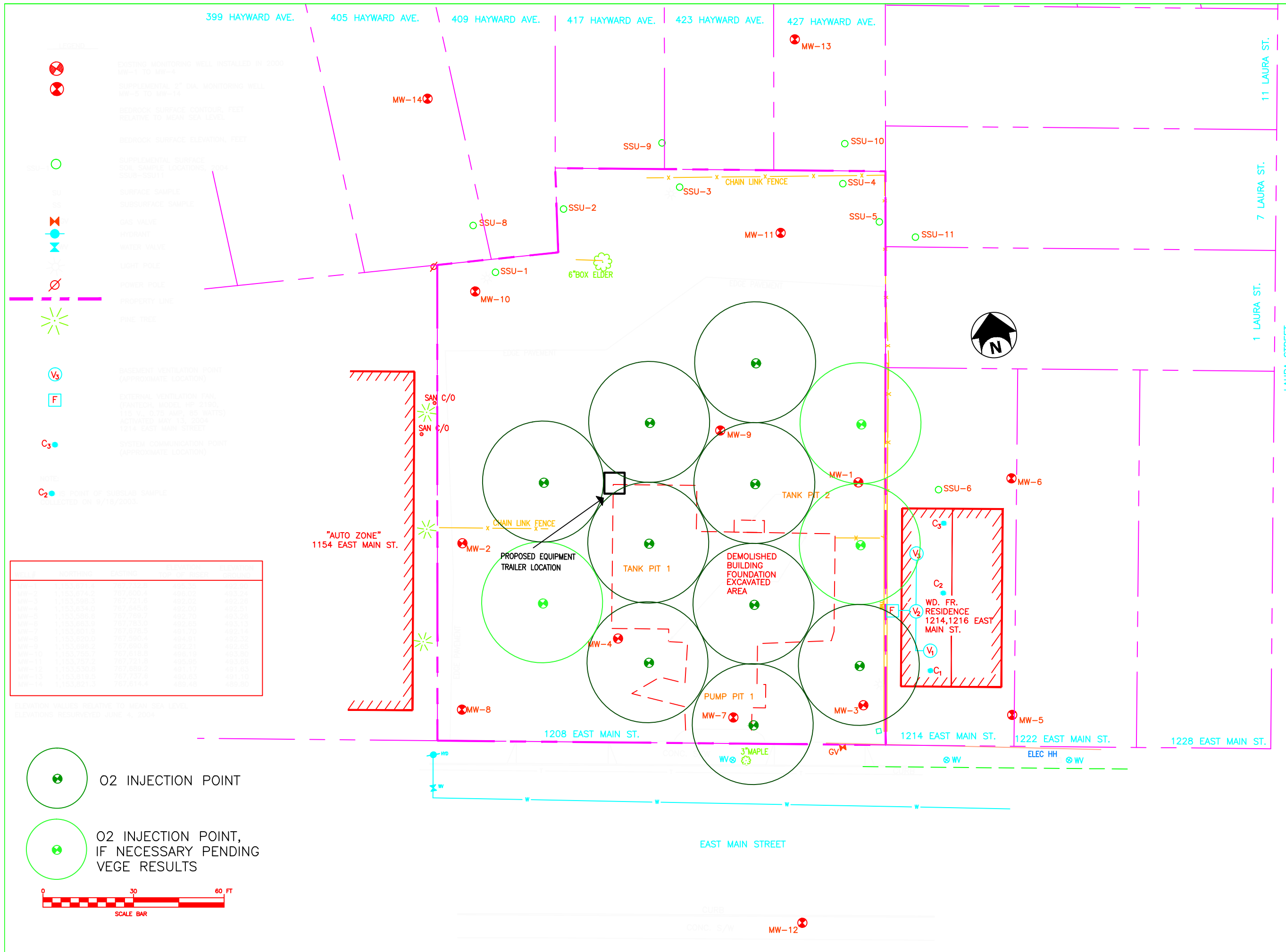
REVISIONS				
NO.	DATE	DESCRIPTION	REV.	GKD

NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

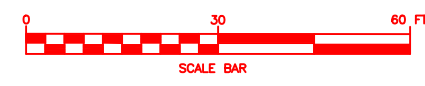
**FIGURE 3
 O2 INJECTION
 WELL LAYOUT**

Project Manager:
 GF
 Designed by:
 EJU
 Drawn by:
 TSB
 Checked by:
 GF
 Date Issued:
 SEPTEMBER 30, 2005
 Scale:
 AS SHOWN

Project Number: 4453.03 File Name: I:\SUREN\MAIN\FIG\FIG21.DWG
 Drawing Number:



- O2 INJECTION POINT
- O2 INJECTION POINT, IF NECESSARY PENDING VEGE RESULTS



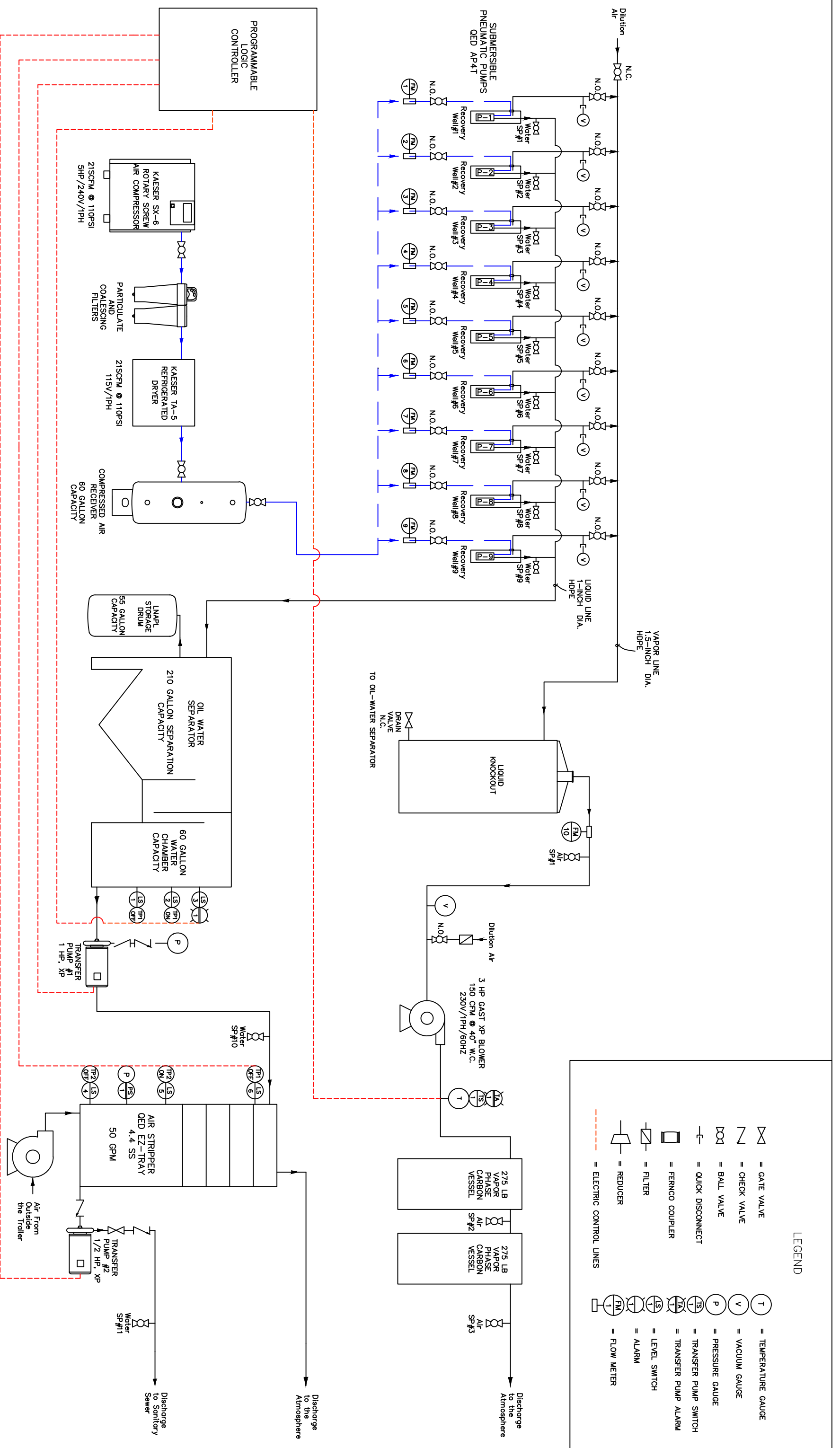
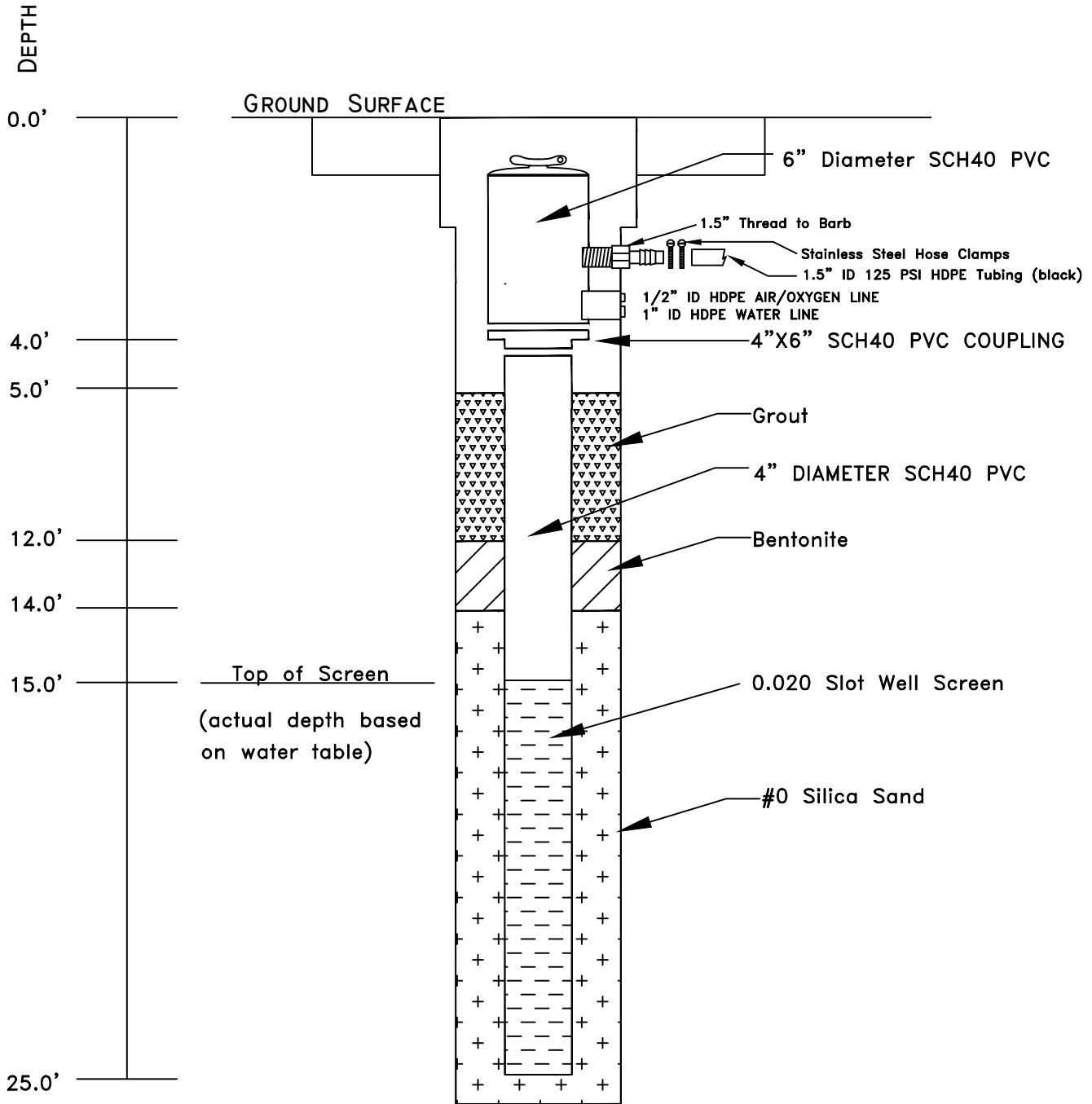


FIGURE 4
VEGE P&ID

VEGE RECOVERY WELL



NOT TO SCALE

**FIGURE 5
O2 INJECTION
WELL DETAIL**

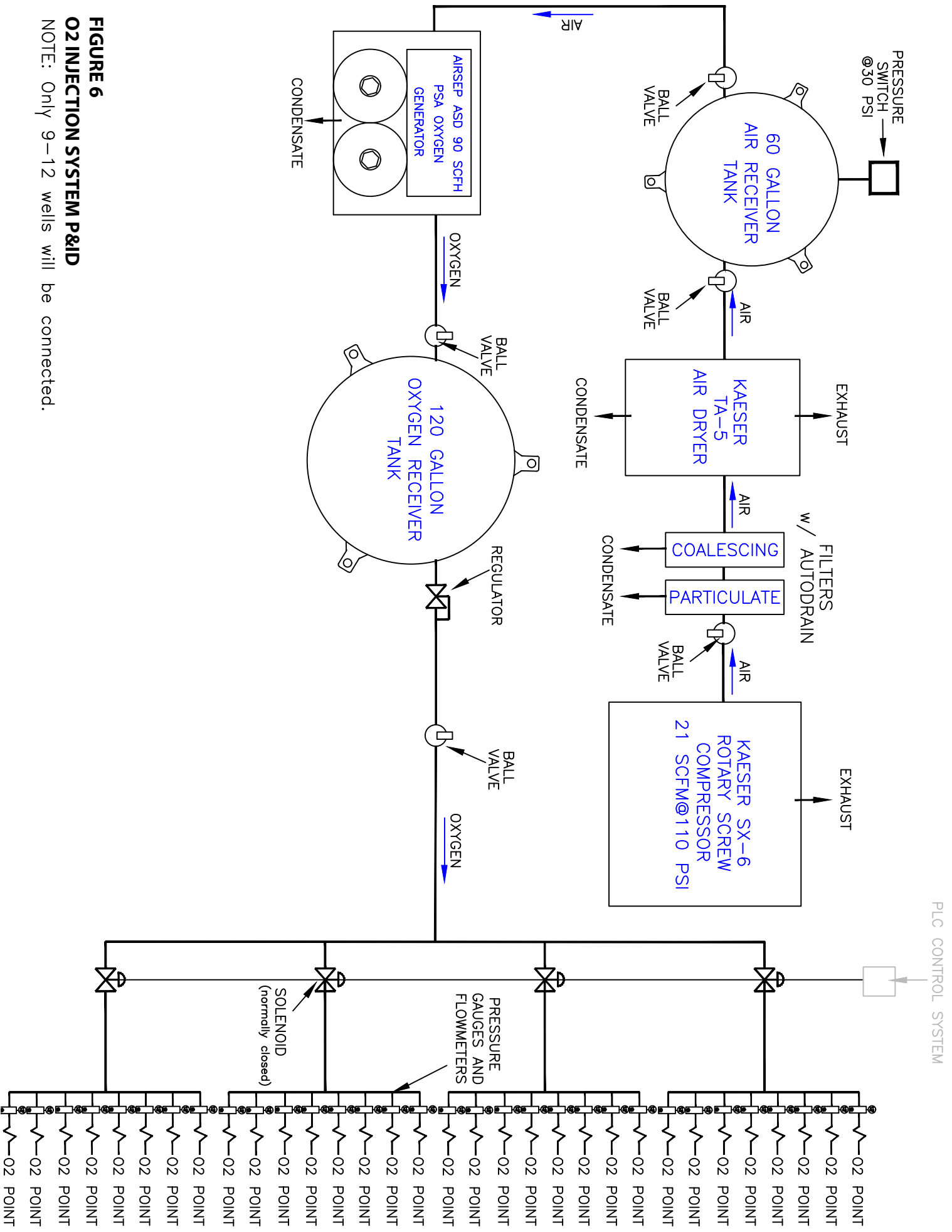


FIGURE 6

O2 INJECTION SYSTEM P&ID

NOTE: Only 9-12 wells will be connected.

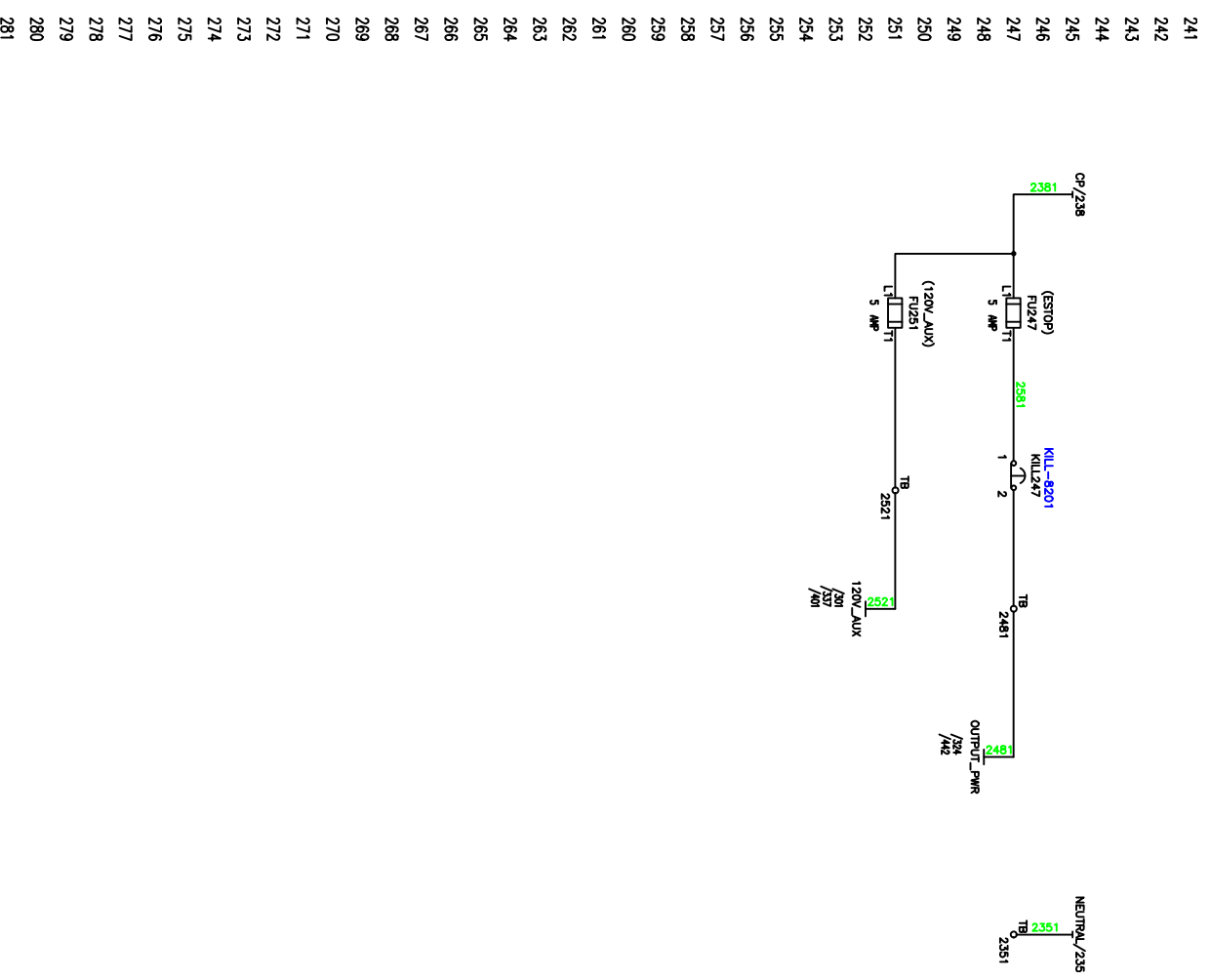
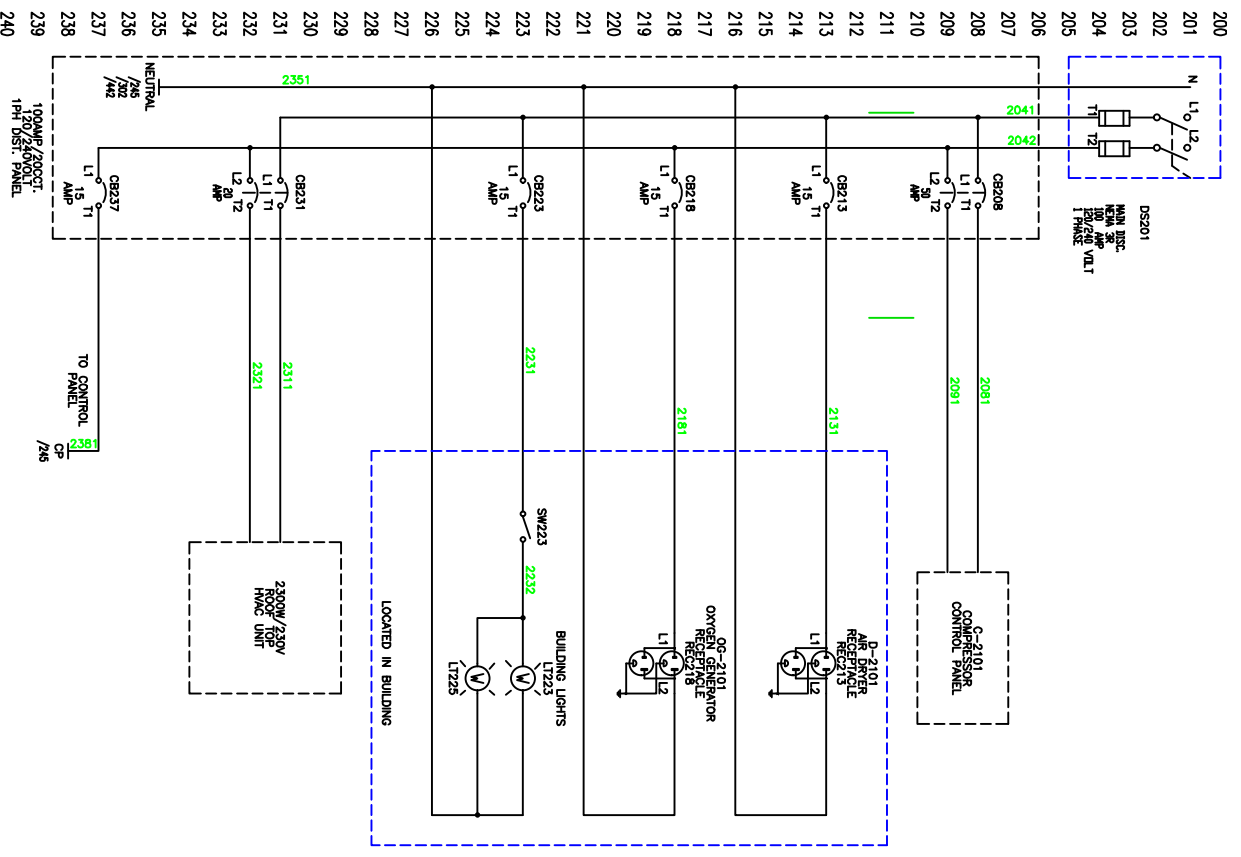


FIGURE 8
ELECTRICAL
SCHEMATIC

**SITE INVESTIGATION
 REMEDIAL
 ALTERNATIVES
 REPORT**



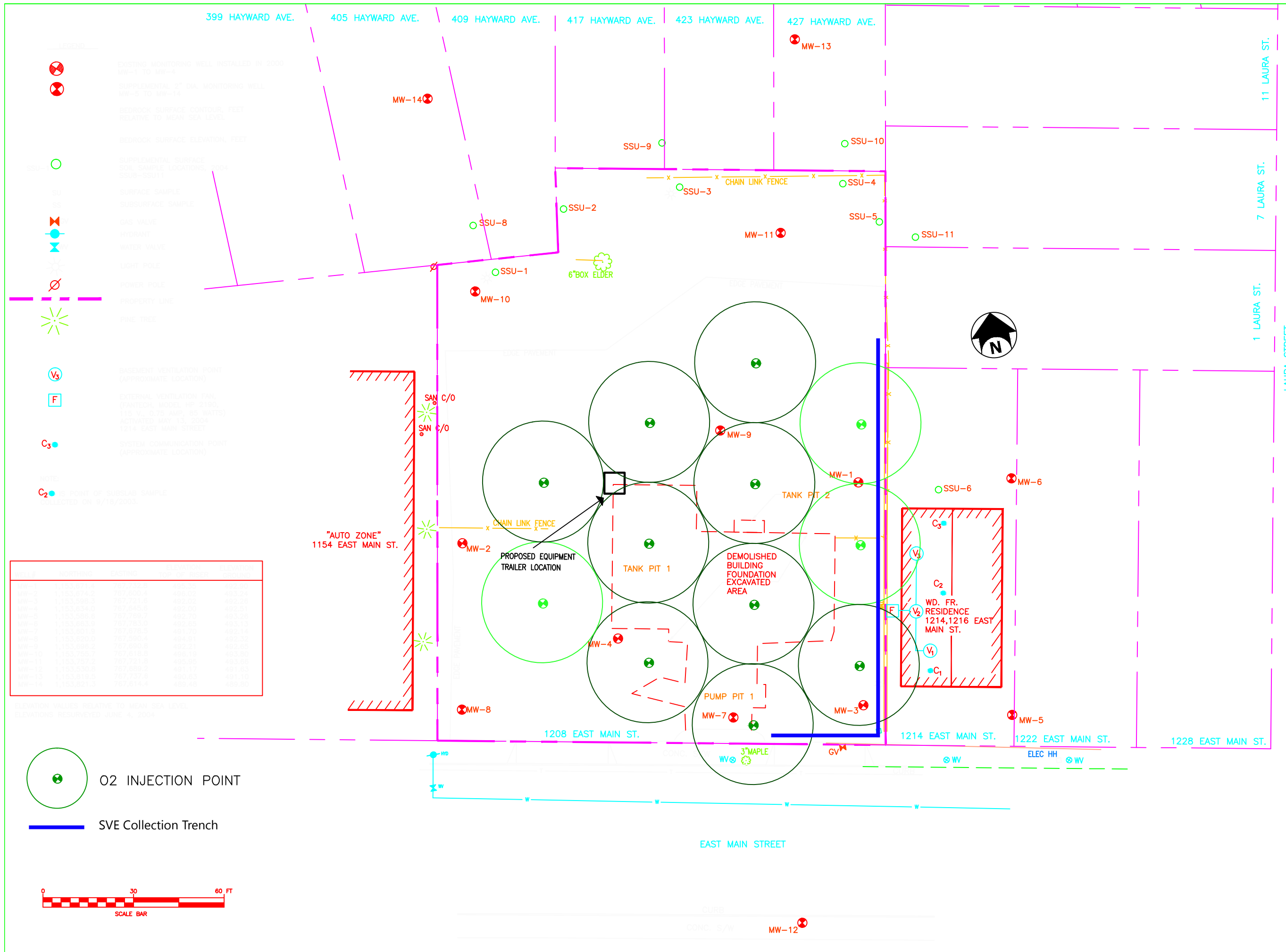
REVISIONS				
NO.	DATE	DESCRIPTION	REV.	GKD

NOTE:
 Unauthorized alteration or addition to this drawing is a violation of the New York State Education Law Article 145, Section 7209.

**FIGURE 9
 SVE System
 Layout**

Project Manager:
 GF
 Designed by:
 EJU
 Drawn by:
 TSB
 Checked by:
 GF
 Date Issued:
 SEPTEMBER 30, 2005
 Scale:
 AS SHOWN

Project Number: 4453.03 File Name: I:\SUREN\MAIN\FIG\FIG21.DWG
 Drawing Number:



NO.	COORDINATE	COORDINATE	ELEVATION	ELEVATION
MW-1	1153.8714	787.732.8	482.25	482.90
MW-2	1153.8714	787.800.4	482.02	482.23
MW-3	1153.8714	787.721.8	482.02	482.23
MW-4	1153.8714	787.645.2	482.00	482.21
MW-5	1153.8714	787.795.7	482.70	483.25
MW-6	1153.8714	787.793.0	482.85	483.13
MW-7	1153.8714	787.878.0	481.70	482.14
MW-8	1153.8714	787.550.4	484.91	482.32
MW-9	1153.8714	787.890.8	482.21	482.85
MW-10	1153.755.7	787.818.8	486.18	483.80
MW-11	1153.757.2	787.721.8	486.82	483.85
MW-12	1153.535.8	787.689.2	481.17	481.82
MW-13	1153.819.8	787.737.8	480.83	481.12
MW-14	1153.821.3	787.614.4	488.48	489.95

ELEVATION VALUES RELATIVE TO MEAN SEA LEVEL.
 ELEVATIONS RESURVEYED JUNE 4, 2004.

